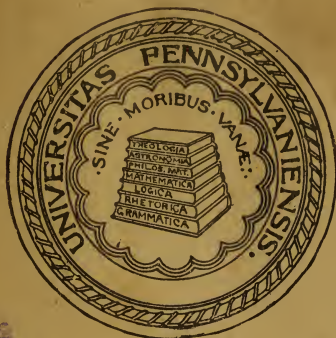


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CATALOGUE  
OF THE  
UNIVERSITY OF PENNSYLVANIA



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FASCICULUS  
OF THE  
DEPARTMENT OF MEDICINE

1896-97

Announcements for Sessions 1897-98

132d Annual Session

PHILADELPHIA  
PRINTED FOR THE UNIVERSITY  
March, 1897

## SPECIAL NOTICE.

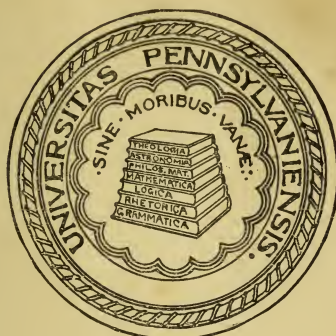
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Copies of the University Catalogue (containing detailed information as to all departments) may be obtained ONLY upon application to the Assistant Secretary, Room 101, College Hall. No charge is made for the University Catalogue, but all requests for transmission by mail must be accompanied by TEN CENTS in stamps to cover return postage.

To any alumnus of the University, the Catalogue will be sent upon application, postage free, on receipt of name, department and class.

The special announcement of any department of the University will be sent upon application postage free.

CATALOGUE  
OF THE  
UNIVERSITY OF PENNSYLVANIA



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# THE UNIVERSITY.

## General Statements.

### LOCATION.

The buildings of the University, twenty-five in number, are situated in West Philadelphia, on property covering an area of about fifty acres. The University may be reached from the various railroad depots in Philadelphia by the electric cars as follows: from the terminal stations of the Philadelphia & Reading and Pennsylvania railroads; Market street cars west to Thirty-fourth street, thence on foot south to Woodland avenue, a trip of about fifteen minutes: or, from the Baltimore & Ohio railroad depot, by a walk of one square south to Walnut street, thence by car over the bridge west to Thirty-fourth street, a ride of about five minutes.

### ACCOMMODATIONS FOR STUDENTS.

Accommodations for students to the number of three hundred and fifty is provided in the new dormitory system. These "houses" are described at length on pages 12 and 13. Plans, prices, and all other information relating to the dormitories may be had upon application to the Registrar of the College.

A large temporary dining hall, or "Commons," has recently been erected at the corner of Spruce and Thirty-sixth streets, where about seven hundred students can obtain board.

In addition, board and lodging may be obtained in the immediate vicinity of the University from five dollars per week upwards. Upon application at the offices of the Deans of the several Departments (see *Administrative Officers*, following), lists of recommended boarding houses may be seen.

### APPLICATIONS FOR CATALOGUES, CIRCULARS, ETC.

Applications for copies of the annual University Catalogue (published in December) should be addressed to the Assistant Secretary, University of Pennsylvania, Philadelphia, Pa. No charge is made for the Catalogue, *but in all cases the request must be accompanied by ten cents in stamps* to cover return postage.

Special Circulars of Information, relating either to the separate Departments of the University, or to the various courses offered in the College proper, will be mailed free to anyone upon receipt of name and address. Such applications should also be addressed to the Assistant Secretary.

All letters of inquiry regarding the internal regulations and requirements in each separate Department of the University, should be addressed to the Dean of the particular Department (see *Administrative Officers*, following), and *not* to the Secretary of the University.

Persons desiring copies of the College entrance examination papers of the preceding year may obtain the same upon application to the Registrar of the College.



## BRIEF HISTORICAL SKETCH.

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The University of Pennsylvania traces its origin to the year 1740, when a charitable school was founded in the city of Philadelphia. In 1749, a pamphlet entitled "Proposals Relative to the Education of Youth in Pennsylvania," written by Dr. Franklin, led to a united effort by certain citizens to raise this school to the dignity of an Academy. In 1751 this was accomplished, and the Academy, consisting of an English, a Mathematical and a Latin school, each under a master with subordinate tutors and ushers, was formerly opened. Two years later (1753) a charter was granted to the trustees of the institution by Thomas and Richard Penn, the proprietaries of the Province of Pennsylvania.

Under the skillful training of the learned Rev. William Smith, the first Provost, the highest class of the Academy attained that proficiency which in a college course would have entitled its members to a degree. This led to a new appeal to the proprietaries for a collegiate charter. In 1755 such a charter was granted, which designated the institution as the "College and Academy of Philadelphia in the Province of Pennsylvania."

In 1764 Dr. Smith visited England to secure funds for the College. He received liberal support among men of all shades of religious belief. Concerned lest the institution might become sectarian, they urged the trustees to make a declaration of non-sectarian principles which should be binding on their successors. Accordingly they resolved that henceforth, as heretofore, no question of religious belief should ever enter into questions of administering the College or of appointing its officers.

In the revolutionary period, the College was looked upon with distrust by the radical patriots, and in 1779 the declaration above named was seized as a pretext for withdrawing the charter. A new institution, entitled the "University of the State of Pennsylvania," was chartered at the same time. After ten years of ineffectual work for both institutions, a compromise was effected and a union projected. In 1791, this amalgamation was confirmed by act of legislature, and the name "University of Pennsylvania" conferred upon the united institutions.



The University of Pennsylvania now includes the following departments, established at the dates indicated:

- (1740. Charitable School; out of which grew, in)
- 1751. The College.
- 1765. The Department of Medicine.
- 1790-1830. The Department of Law.
- 1865. The Auxiliary Department of Medicine.
- 1874. The University Hospital.
- 1878. The Department of Dentistry.
- 1883. The Department of Philosophy.
- 1884. The Department of Veterinary Medicine.
- 1885. The Veterinary Hospital.
- 1885. The Department of Physical Education.
- 1889. The Museum of Archæology and Paleontology.
- 1891.\* The University Library.
- 1892. The Laboratory of Hygiene.
- 1892. The Wistar Institute of Anatomy and Biology.

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\*Building erected.



## ADMINISTRATIVE OFFICERS.

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### THE UNIVERSITY.

*Provost*—CHARLES C. HARRISON, LL. D.

Office, 114 College Hall, West Philadelphia. Office hours, Tuesdays and Fridays, 9.15 A. M. to 11 A. M.

*Vice-Provost*—REV. GEORGE S. FULLERTON, PH. D.

Office, 114 College Hall, West Philadelphia. Office hours, Mondays and Tuesdays, 10 A. M. to 11 A. M.

*Treasurer*—ARTHUR E. NEWBOLD.

Office, 113 South Fifth Street, Philadelphia. Office hours, 10 A. M. to 3 P. M.

*Secretary*—REV. JESSE Y. BURK, A. M.

Office, Room 56, 400 Chestnut Street, Philadelphia. Office hours, 10 A. M. to 1 P. M., except Saturdays.

*Assistant Secretary*—J. HARTLEY MERRICK, A. B.

Office, 101 College Hall, West Philadelphia. Office hours, 9.30 A. M. to 4.30 P. M. Saturdays, 9.30 A. M. to 12.30 P. M.

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### THE COLLEGE AND PROFESSIONAL FACULTIES.

*Dean of the College Faculty*—WILLIAM A. LAMBERTON, A. M.,  
LITT. D.

Office, 103 College Hall, West Philadelphia. Office hours, 9 A. M. to 12 M.

*Vice-Dean of the College*—JOSIAH H. PENNIMAN, PH. D.

Office, 103 College Hall, West Philadelphia. Office hours, 9 A. M. to 12 M.

*Registrar of the College and Department of Philosophy*—EDWARD  
W. MUMFORD, PH. B.

Office, 103 College Hall, West Philadelphia. Office hours, 9 A. M. to 12 M.

*Dean of the Faculty of Philosophy*—WM. ROMAIN NEWBOLD, PH. D.

Office, 105 College Hall, West Philadelphia. Office hours, 11 A. M. to 1 P. M. Saturdays, 10 A. M. to 12 M.

*Dean of the Law Faculty*—WILLIAM DRAPER LEWIS, PH. D.

Office in the Law Department, 115 So. Sixth Street, Philadelphia. Office hours, 11 A. M. to 1 P. M.

*Dean of the Medical Faculty*—JOHN MARSHALL, M. D., NAT. SC. D.

Office, 1 Medical Hall, West Philadelphia. Office hours, 1 P. M., daily.

*Dean of the Dental Faculty*—EDWARD C. KIRK, D. D. S.

Office, 18 Medical Hall, West Philadelphia. Office hours, 9 A. M. to 1 P. M., daily.

*Dean of the Faculty of Veterinary Medicine*—JOHN MARSHALL, M. D.,  
NAT. SC. D.

Office, 1 Medical Hall, West Philadelphia. Office hours, 1 P. M.,  
daily.

*Dean of the Faculty Auxiliary to Medicine*—CHARLES K. MILLS,  
M. D.

Office, Room A, Medical Hall, West Philadelphia. Office hours,  
Mondays, 3 P. M. to 3.30 P. M.

## GENERAL SUMMARIES.

## OFFICERS OF INSTRUCTION.

The College . . . . .	108
Department of Philosophy . . . . .	49
"    "    Law . . . . .	10
"    "    Medicine (exclusive of Hospital Service) . . . . .	82
Auxiliary Department of Medicine . . . . .	5
Laboratory of Hygiene . . . . .	4
Department of Dentistry . . . . .	35
"    "    Veterinary Medicine . . . . .	17
Emeritus Professors . . . . .	6
	— 316
Duplications . . . . .	74
	—
Total . . . . .	242

## STUDENTS.

The College . . . . .	917
Department of Philosophy . . . . .	161
"    "    Law . . . . .	358
"    "    Medicine . . . . .	920
Auxiliary Department of Medicine . . . . .	48
Laboratory of Hygiene . . . . .	29
Department of Dentistry . . . . .	373
"    "    Veterinary Medicine . . . . .	50
	— 2856
Duplications . . . . .	45
	—
Total . . . . .	2811

## GEOGRAPHICAL SUMMARY OF STUDENTS.

Alabama . . . . . 2	British Columbia . . . . . 1	Ecuador . . . . . 1
Alaska . . . . . 1	Bulgaria . . . . . 1	England . . . . . 1
Argentine Rep. . . . . 1	California . . . . . 12	Florida . . . . . 2
Arkansas . . . . . 1	Canada . . . . . 18	France . . . . . 1
Australia . . . . . 6	Colorado . . . . . 3	Georgia . . . . . 13
Austria . . . . . 2	Connecticut . . . . . 24	Germany . . . . . 7
Barbadoes . . . . . 2	Cuba . . . . . 3	Hawaii . . . . . 1
Bermuda . . . . . 2	Delaware . . . . . 59	Idaho . . . . . 1
Brazil . . . . . 1	Dist. of Columbia . . . . . 9	Illinois . . . . . 15

India . . . . .	I	New Brunswick . . . . .	4	Scotland . . . . .	2
Indiana . . . . .	13	New Hampshire . . . . .	5	South Carolina . . . . .	2
Iowa . . . . .	13	New Jersey . . . . .	161	South Dakota . . . . .	1
Ireland . . . . .	1	New Mexico . . . . .	1	Spain . . . . .	1
Jamaica, W. I. . . . .	2	New York . . . . .	106	Switzerland . . . . .	1
Japan . . . . .	4	New Zealand . . . . .	1	Tennessee . . . . .	10
Kansas . . . . .	11	Nicaragua . . . . .	6	Texas . . . . .	8
Kentucky . . . . .	2	North Carolina . . . . .	13	Turkey . . . . .	1
Louisiana . . . . .	4	North Dakota . . . . .	1	U. S. of Colombia, . . . . .	1
Maine . . . . .	11	Nova Scotia . . . . .	2	Utah . . . . .	3
Maryland . . . . .	14	Ohio . . . . .	36	Vermont . . . . .	5
Massachusetts . . . . .	45	Oregon . . . . .	3	Virginia . . . . .	7
Mexico . . . . .	1	Pennsylvania . . . . .	2022	Washington . . . . .	6
Michigan . . . . .	5	Persia . . . . .	1	West Indies . . . . .	2
Minnesota . . . . .	6	Prince Edward		West Virginia . . . . .	17
Mississippi . . . . .	2	Island . . . . .	1	Wisconsin . . . . .	20
Missouri . . . . .	10	Puerto Rico . . . . .	2	Wyoming . . . . .	1
Montana . . . . .	1	Rhode Island . . . . .	11		
Nebraska . . . . .	4	Russia . . . . .	6	Total . . . . .	2811
Nevada . . . . .	1				

## HOWARD HOUSTON HALL.

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HOUSTON HALL, a club-house for the use of the students of the University of Pennsylvania, was formally dedicated to its uses on the evening of Thursday, January 2, 1896. This building, within whose walls centres the daily social life of the students, was erected largely through the generosity of the late H. H. Houston, a trustee of this University, and his wife, as a memorial to their eldest son, Henry Howard Houston, Jr., a member of the College Class of 1878. The corner-stone was laid on December 22, 1894.

The situation of HOUSTON HALL, in almost the exact geographical centre of the University's great group of buildings, embodies to a large extent the idea of its existence as a centralization of the University's undergraduate interests. Its purposes, briefly stated, are to provide for the students of the various departments a place where all may meet on common ground; and to furnish them with every available facility for passing their leisure hours in harmless recreation and amusement. The equipment of the Hall includes a reading room, with a large number of periodicals and newspapers; smoking rooms, billiard and pool tables, tables for chess and checkers, a correspondence room, bowling alleys, shuffleboards, a bath room, including shower and needle baths, and a swimming pool; athletic trophy rooms; a large auditorium, with grand organ rooms for the University papers and other organizations, a dark room for amateur photographers, and many other rooms for general purposes.

The Hall is the home of the Houston Club, a self-governing organization, to membership in which any student or officer of instruction is eligible. The cost of membership is Two Dollars per annum.

## UNIVERSITY DORMITORIES.

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Copies of plans of the Dormitories, indicating the general dimensions of the rooms, as well as other printed information, may be obtained upon application to the Registrar, Room 103, College Hall. A printed list of the vacant rooms for 1897-98 will be ready for distribution on March 15, 1897. Of these rooms, ten per cent. will be reserved until after the entrance examinations in June, 1897, for members of the incoming Freshman class, and will be assigned by lot to successful candidates. All applications for these rooms, accompanied by the required bonds, must be filed not later than June 1, 1897. Blank forms of application and bond will be furnished by the Registrar.

The dormitory buildings form a large block surrounding two open courts. As may be seen by reference to the plans, about one half of the rooms are *en suite*, providing for two students a common study, with two bedrooms. Most of the remaining rooms are for a single occupant. All rooms and halls are heated by steam and lighted by electricity. The buildings are on the "separate staircase" system, all doors opening into the courts. On each floor and on every staircase are lavatories, with hot and cold shower baths, etc. The prices of the rooms range from \$35.00 to \$105.00 per annum per student. Almost all of the double, and many of the single, rooms have open fire-places. The University supplies for each student the following furniture: bedstead, mattress, bureau, washstand, table, bookcase, chairs and toilet china.

In the assignment of a "double room" (marked for two students on the plans), preference will be given to an application signed by two students who will use the room together. Two students wishing to apply for a room together should both sign an application for the room; such an application will be given two chances in the allotment, and any room drawn will be assigned to both the applicants. The University, however, reserves the right to cancel any assignment of a room to two students if the room is not duly claimed and occupied throughout the year by the two students signing the application. Suspension or expulsion from the University, or serious infringement of the rules will be considered sufficient ground for the cancellation by the University of any lease.



If one of two room-mates is expelled or suspended, or so infringes University rules as to make his removal from the Dormitories necessary, the other room-mate may have the room assigned to him by signing a new application; provided that there are not two other students applying together for the room. Or he may hold the room by taking another room-mate, who must be qualified by filing an application and bond.

Every student wishing to occupy a University room must file with his application a bond for \$125.00. When two students wish to occupy a room together each must file a bond. The bond must be signed by two responsible persons, of whom one must be a citizen of the United States. No student or officer of the University will be accepted as bondsman. Or, instead of filing a bond, a student may pay in advance the full year's rent of the room, and make a deposit of Ten Dollars to cover possible damage, any balance remaining to be returned when the room is finally given up. Or the student may pay half the year's rent in advance, and give a bond covering the other half and the deposit of Ten Dollars required. Each tenant will be held for the full year's rent and charges against the room. But when the room is vacated before the end of the college year, the bondsmen shall not be held responsible for the rent of the room for the rest of the year if the room is rented to another tenant.

Only members of the University may occupy University rooms. Rentals will include heat, light, and all reasonable care of the rooms. Additional services must be paid for as "extras," and must in all cases be performed by persons authorized by the University.

#### DINING HALL.

The University Dining Hall, or "Commons," situated on a plot of ground adjacent to the Dormitories, furnishes good table board at \$3.50 per week. This price includes service.



1897.

JANUARY.

Su	Mo	Tu	W	Th	Fr	Sa	Su	Mo	Tu	W	Th	Fr	Sa
.	.	.	.	.	1	2	.	.	.	.	1	2	3
3	4	5	6	7	8	9	4	5	6	7	8	9	10
10	11	12	13	14	15	16	11	12	13	14	15	16	17
17	18	19	20	21	22	23	18	19	20	21	22	23	24
24	25	26	27	28	29	30	25	26	27	28	29	30	31
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JULY.

FEBRUARY.

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7	8	9	10	11	12	13	8	9	10	11	12	13	14
14	15	16	17	18	19	20	15	16	17	18	19	20	21
21	22	23	24	25	26	27	22	23	24	25	26	27	28
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AUGUST.

MARCH.

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7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30	31	.	.	.	26	27	28	29	30	.	.
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SEPTEMBER.

APRIL.

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.	.	.	.	.	1	2	.	.	.	.	.	1	2
4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29	30	.	24	25	26	27	28	29	30
.	.	.	.	.	.	.	31	.	.	.	.	.	.

OCTOBER.

MAY.

Su	Mo	Tu	W	Th	Fr	Sa	Su	Mo	Tu	W	Th	Fr	Sa
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2	3	4	5	6	7	8	7	8	9	10	11	12	13
9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	.	.	.	.
30	31	.	.	.	.	.	.	.	.	.	.	.	.

NOVEMBER.

JUNE.

Su	Mo	Tu	W	Th	Fr	Sa	Su	Mo	Tu	W	Th	Fr	Sa
.	.	1	2	3	4	5	.	.	.	1	2	3	4
6	7	8	9	10	11	12	5	6	7	8	9	10	11
13	14	15	16	17	18	19	12	13	14	15	16	17	18
20	21	22	23	24	25	26	19	20	21	22	23	24	25
27	28	29	30	.	.	.	26	27	28	29	30	31	.
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DECEMBER.

## MEDICAL CALENDAR FOR 1897.

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- Jan. 4, Monday, ...Christmas Recess ends: 9 A. M.  
Feb. 22, Monday, ...Washington's Birthday: Recess. University  
Day.  
April 1, Thursday, ...Last day for receipt of Prize Essays and  
Reports.  
April 15, Thursday, ...Easter Recess begins: 6.30 P. M.  
April 19, Monday, ...Easter Recess ends: 10 A. M.  
June 9, Wednesday, ...Commencement, 11 A. M.  
June 15, Tuesday, ...Entrance Examinations begin: 10 A. M.

### SUMMER RECESS.

- Sept. 25, Saturday, ...Competition Examinations for Medical  
Scholarships: 10 A. M.  
Sept. 27, Monday, ...Examinations for Admission to Advanced  
Standing, and Re-examinations of Under-  
graduates: 10 A. M.  
Oct. 1, Friday, ...Session begins: 12 M.  
Nov. 24, Wednesday, ...Thanksgiving Recess begins: 6.30 P. M.  
Nov. 29, Monday, ...Thanksgiving Recess ends: 10 A. M.

September 23, Tuesday,  
Entrance Examinations, 10 A. M.

## DEPARTMENT OF MEDICINE.

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### FACULTY.

CHARLES C. HARRISON, LL. D., PROVOST.

REV. GEORGE S. FULLERTON, PH. D., VICE-PROVOST.

---

ALFRED STILLÉ, M. D., LL. D., Emeritus Professor of the Theory and Practice of Medicine and of Clinical Medicine.

RICHARD A. F. PENROSE, M. D., LL. D., Emeritus Professor of Obstetrics, and of the Diseases of Women and Children.

---

WILLIAM PEPPER, M. D., LL. D., Professor of the Theory and Practice of Medicine and of Clinical Medicine.

JAMES TYSON, M. D., Professor of Clinical Medicine.

HORATIO C WOOD, M. D., LL. D., Professor of Materia Medica, Pharmacy and General Therapeutics.

\*THEODORE G. WORMLEY, M. D., LL. D., Professor of Chemistry and Toxicology.

JOHN ASHHURST, JR., M. D., LL. D., JOHN RHEA BARTON Professor of Surgery, and Professor of Clinical Surgery.

EDWARD T. REICHERT, M. D., Professor of Physiology.

WILLIAM F. NORRIS, M. D., Professor of Ophthalmology.

BARTON COOKE HIRST, M. D., Professor of Obstetrics.

J. WILLIAM WHITE, M. D., Professor of Clinical Surgery.

JOHN GUITÉRAS, M. D., Professor of General Pathology and Morbid Anatomy.

GEORGE A. PIERSOL, M. D., Professor of Anatomy.

JOHN MARSHALL, M. D., NAT. SC. D., Assistant Professor of Chemistry, and DEAN OF THE FACULTY.

LOUIS A. DUHRING, M. D., Professor of Skin Diseases.

CHARLES B. PENROSE, M. D., PH. D., Professor of Gynæcology.

ALEXANDER C. ABBOTT, M. D., PEPPER Professor of Hygiene.

### CLINICAL PROFESSORS.

WILLIAM F. NORRIS, M.D., Clinical Professor of Diseases of the Eye.

HORATIO C WOOD, M. D., LL. D., Clinical Professor of Nervous Diseases.

LOUIS A. DUHRING, M. D., Clinical Professor of Skin Diseases.

DE FOREST WILLARD, M. D., Clinical Professor of Orthopædic Surgery.

---

\* Deceased.

- B. ALEXANDER RANDALL, M. D., Clinical Professor of Diseases of the Ear.  
 J. P. CROZER GRIFFITH, M. D., Clinical Professor of Diseases of Children.  
 EDWARD MARTIN, M. D., Clinical Professor of Genito-Urinary Diseases.
- 

- JOHN H. MUSSER, M. D., Assistant Professor of Clinical Medicine.  
 JOHN B. DEAVER, M. D., Assistant Professor of Applied Anatomy.  
 CHARLES K. MILLS, M. D., Professor of Mental Diseases and of Medical Jurisprudence.

#### LECTURERS, DEMONSTRATORS AND INSTRUCTORS.

- ADOLPH W. MILLER, M. D., Lecturer on Materia Medica.  
 HENRY R. WHARTON, M. D., Demonstrator of Surgery.  
 RICHARD H. HARTE, M. D., Demonstrator of Osteology.  
 THOMAS R. NEILSON, M. D., Assistant Demonstrator of Surgery.  
 EDMUND W. HOLMES, M. D., Demonstrator of Anatomy.  
 JUDSON DALAND, M. D., Instructor in Clinical Medicine and Lecturer on Physical Diagnosis.  
 GWILYM G. DAVIS, M. D., M. R. C. S. Eng., Assistant Demonstrator of Surgery.  
 JOHN K. MITCHELL, M. D., Lecturer on General Symptomatology and Diagnosis.  
 GEORGE H. CHAMBERS, M. D., Assistant Demonstrator of Normal Histology.  
 JAMES K. YOUNG, M. D., Instructor in Orthopædic Surgery.  
 HENRY W. CATTELL, M. D., Demonstrator of Morbid Anatomy.  
 ROBERT FORMAD, M. D., V. M. D., Demonstrator of Normal Histology.  
 ARTHUR A. STEVENS, M. D., Lecturer on Medical Terminology, and Instructor in Physical Diagnosis.  
 BENJAMIN F. STAHL, M. D., Instructor in Physical Diagnosis.  
 JOHN C. HEISLER, M. D., Assistant Demonstrator of Anatomy, and Prosector to the Professor of Anatomy.  
 FREDERICK A. PACKARD, M. D., Instructor in Physical Diagnosis.  
 RICHARD C. NORRIS, M. D., Instructor in Obstetrics, and Lecturer on Clinical and Operative Obstetrics.  
 MILTON B. HARTZELL, M. D., Instructor in Dermatology.  
 CHARLES S. POTTS, M. D., Instructor in Electro-Therapeutics and Nervous Diseases.

WALTER I. PENNOCK, M. D., Assistant Demonstrator of Anatomy.

HERMAN B. ALLYN, M. D., Instructor in Physical Diagnosis.

WILLIAM SCHLEIF, PH. G., M. D., Instructor in Practical Pharmacy.

JAMES M. BROWN, M. D., Instructor in Otology.

W. CONSTANTINE GOODELL, M. D., Instructor in Clinical Gynecology.

M. HOWARD FUSSELL, M. D.,  
SAMUEL W. MORTON, M. D. } Instructors in Clinical Medicine.

ALFRED C. WOOD, M. D., Instructor in Clinical Surgery.

ELLWOOD R. KIRBY, M. D.,  
CHARLES L. LEONARD, M. D., } Assistant Instructors in Clinical Surgery.

GEORGE C. STOUT, M. D., Assistant Demonstrator of Histology.

ROBERT S. J. MITCHESON, M. D., Assistant Demonstrator of Anatomy.

DAVID B. BIRNEY, M. D., Assistant Demonstrator of Surgery.

JOSEPH P. TUNIS, M. D., Assistant Demonstrator of Surgery and of Anatomy.

ALFRED STENGEL, M. D.,  
T. MELLOR TYSON, M. D., } Instructors in Clinical Medicine.

CHARLES W. DULLES, M. D., Lecturer on the History of Medicine.

DANIEL W. FETTEROLF, M. D., Assistant Demonstrator of Chemistry.

HARRY TOULMIN, M. D., Instructor in Physical Diagnosis.

DAVID RIESMAN, M. D., Demonstrator of Pathological Histology.

CHARLES P. GRAYSON, M. D., Lecturer and Instructor in Laryngology.

HENRY D. BEYEA, M. D., Instructor in Clinical Gynecology, and Assistant Demonstrator of Obstetrics.

WILLIAM A. N. DORLAND, M. D., Assistant Demonstrator of Obstetrics.

WILLIAM S. WADSWORTH, Assistant in Physiology.

CLARENCE W. LINCOLN, M. D., Assistant Demonstrator of Pathological Histology.

JOHN H. GIRVIN, M. D., Instructor in Clinical Gynecology, and Assistant Demonstrator of Obstetrics.

WARD F. SPRENKEL, M. D., Assistant Demonstrator of Obstetrics.

LAWRENCE S. SMITH, M. D., Instructor in Clinical Gynecology.

JOHN M. SWAN, M. D., Assistant Demonstrator of Anatomy.

CHARLES H. FRAZIER, M. D., Assistant Instructor in Clinical Surgery.

WILLIAM R. HOCH, M. D., Instructor in Laryngology.



JAMES P. HUTCHINSON, M. D., Assistant Demonstrator of Surgery.  
 J. DUTTON STEELE, M. D., Assistant Demonstrator of Morbid Anatomy.  
 WILLIAM S. CARTER, M. D., Demonstrator of Physiology.  
 HOWARD MELLOR, M. D., Instructor in Ophthalmology.  
 J. REX HOBENSACK, M. D., Prosector to the Assistant Professor of Applied Anatomy.  
 WILLIAM H. PRICE, M. D., Instructor in Children's Diseases.  
 FREDERICK G. HERTEL, PH. G., Assistant Instructor in Practical Pharmacy.  
 ALOYSIUS O. J. KELLY, M. D., Instructor in Physical Diagnosis.  
 FRANK SAVARY PEARCE, M. D., Instructor in Physical Diagnosis.  
 ALFRED HAND, JR., M. D., Assistant Demonstrator of Pathological Histology.  
 JAMES H. MCKEE, M. D., Assistant Demonstrator of Physiology.  
 THOMPSON S. WESTCOTT, M. D., Instructor in Children's Diseases.

The following graduates of the School conduct examinations for admission to the first year class in the respective cities in which they reside: Examinations for admission to *advanced standing* are conducted *only* at the University in Philadelphia.

Dr. C. H. MASTIN, cor. Joachim and Tonti Streets, Mobile, Ala.  
 Dr. J. L. ROTHROCK, Lowry Arcade, St. Paul, Minn.  
 Dr. JOHN L. ELLIOTT, Duluth, Minn.  
 Dr. W. S. ELKIN, 70½ Whitehall Street, Atlanta, Ga.  
 Dr. J. W. WHITBECK, 125 East Avenue, Rochester, N. Y.  
 Dr. W. T. BELL, Murphy Building, San Francisco Cal.  
 Dr. EDWARD RANDALL, JR., Galveston, Tex.  
 Dr. F. E. MAINE, Auburn, N. Y.  
 Dr. B. M. WALKER, Danville, Va.  
 Rev. D. MCNEILL, Charlottetown, P. E. I.  
 Dr. BENJ. B. CATES, Knoxville, Tenn.  
 Dr. WILLIAM SEAMAN, 7 Bowdoin Street, Boston, Mass.  
 Dr. PAUL M. DAY, cor. 14th and Warren Aves., Detroit, Mich.  
 Dr. G. CLOWES VAN WART, Fredericton, N. B.

#### HOSPITAL STAFF.

WILLIAM PEPPER, M. D., LL. D., Professor of Clinical Medicine.  
 JAMES TYSON, M. D., Professor of Clinical Medicine.  
 JOHN ASHHURST, JR., M. D., Professor of Clinical Surgery.  
 WILLIAM F. NORRIS, M. D., Clinical Professor of Diseases of the Eye.  
 HORATIO C WOOD, M. D., LL. D., Clinical Professor of Nervous Diseases.  
 LOUIS A. DUHRING, M. D., Clinical Professor of Skin Diseases.

- BARTON COOKE HIRST, M. D., Professor of Obstetrics.  
 J. WILLIAM WHITE, M. D., Professor of Clinical Surgery.  
 JOHN GUITÉRAS, M. D., Professor of General Pathology and  
 Morbid Anatomy, and Pathologist to the Hospital.  
 CHARLES B. PENROSE, M. D., PH. D., Professor of Gynæcology.  
 DE FOREST WILLARD, M. D., Clinical Professor of Orthopædic  
 Surgery.  
 B. ALEXANDER RANDALL, Clinical Professor of Diseases of the Ear.  
 J. P. CROZER GRIFFITH, M. D., Clinical Professor of Diseases of  
 Children.  
 EDWARD MARTIN, M. D., Clinical Professor of Genito-Urinary  
 Diseases.  
 ROLAND G. CURTIN, M. D., Assistant Physician.  
 HENRY R. WHARTON M. D., }  
 RICHARD H. HARTE, M. D., } Assistant Surgeons.  
 W. CONSTANTINE GOODELL, M. D., Assistant Gynæcologist.  
 JUDSON DALAND, M. D., Assistant Physician.  
 EDWARD MARTIN, M. D., }  
 ALFRED C. WOOD, M. D., } Assistant Surgeons.  
 M. HOWARD FUSSELL, M. D., Assistant Physician.  
 CHARLES S. POTTS, M. D., Assistant Neurologist.  
 ALFRED STENGEL, M. D., }  
 T. MELLOR TYSON, M. D., } Assistant Physicians.  
 WARD F. SPRENKEL, M. D., Assistant Obstetrician.  
 HOWARD MELLOR, M. D., Assistant Ophthalmic Surgeon.  
 MARY E. P. DAVIS, Superintendent of the Hospital.  
 JUDSON DALAND, M. D., Curator.  
 DAVID B. BIRNEY, M. D., Surgical Anæsthetizer.  
 HENRY D. BEVEA, M. D., Gynæcological Anæsthetizer.  
 EDWARD P. SHAEFER, PH. G., Apothecary.

## RESIDENT PHYSICIANS.

- |                                 |                              |
|---------------------------------|------------------------------|
| ERNEST S. RAMSDELL, M. D.,      | LOUIS A. CRIST, M. D.,       |
| WILLIAM SCHLEIF, PH. G., M. D., | FRANCIS D. PATTERSON, M. D., |
| HAROLD BRUNN, M. D.,            | HORATIO C WOOD, JR., M. D.,  |
| THOMAS T. THOMAS, M. D.,        | DAVID T. HUSTON, M. D.       |

## DISPENSARY SERVICE.

- M. HOWARD FUSSELL, M. D., Chief Physician in the Medical Dis-  
 pensary.
- |                            |  |
|----------------------------|--|
| T. MELLOR TYSON, M. D.,    | } Assistant Physicians in the Medical<br>Dispensary. |
| SAMUEL M. HAMILL, M. D.,   |  |
| HENRY D. JUMP, M. D.,      |  |
| W. GUTHRIE WENDELL, M. D., |  |





## STUDENTS.

## FOURTH-YEAR CLASS.

Name.	Residence.	City Address.
Allen, Jesse Hall,	West Chester,	131 S. 36th St.
Anspach, Brooke Melancthon,	Williamsport,	3604 Powelton Ave.
Apgar, Charles Scheirer, A. B. (Lafayette, 1894),	South Easton,	3906 Walnut St.
Artelt, Henry,	Philadelphia,	2125 N. Broad St.
Atkins, Joseph Caleb,	Sunnyburn,	50 N. 36th St.
Bardsley, George Ashton, A. B. (C. H. S., 1893),	Philadelphia,	305 S. 39th St.
Baum, Simon,	Uniontown,	3735 Spruce St.
Bell, Harry Albert, A. B. (Washington and Jefferson, 1894),	Butler,	3604 Walnut St.
Bell, William Hemphill,	Milwaukee, Wis.,	3445 Walnut St.
Biedert, Charles Christian,	Philadelphia,	1417 Bouvier St.
Biggs, Montgomery Her- man,	Evanston, Ill.,	Dorm. 355, G.
Black, William Letcher, B.S. (Westminster, Mo., 1889),	Chicago, Ill.,	3307 Woodland Ave.
Blakeslee, Elbert Wellington,	Forest City,	212 De Kalb Square.
Boddy, Edmund Charles,	Rochester, N. Y.,	Dorm. 455, O.
Boon, William Thomas,	Philadelphia,	4307 Main St., Myk.
Bucher, Hiester, M. S. (Lafayette),	Lebanon,	3439 Woodland Ave.
Buxton, Joseph Thomas,	Jackson, N. C.,	3250 Chestnut St.
Cameron, William Good- erham,	Traverse City, Mich.,	3927 Pine St.
Campbell, George, A. B. (C. H. S., 1893),	Philadelphia,	311 Reed St.
Casselberry, Clarence Mar- maduke,	Pottstown,	Dorm. 368, K.
Castle, Edward Beardsley,	Stockbridge, Mass.,	3913 Woodland Ave.
Chaffee, Jerome Stuart, Ph. B. (Yale, 1894),	Amenia, N. Y.,	Dorm. 217, D.
Chattin, John Franklin,	Trenton, N. J.,	3347 Woodland Ave.
Chestnut, James Christian,	Philadelphia,	305 S. 39th St.
Coates, George Morrison, Jr., A. B. (Pennsylvania, 1894),	Berwyn,	Dorm. 229, G.
Crawford, J. Lynn, A. B. (Iowa),	Cedar Rapids, Ia.,	405 S. 43d St.
Dager, William Frederick,	Norwich, Canada,	3244 Locust St.
Davis, Walter,	Wilkesbarre,	Dorm. 438, A 4.
Deal, John Colton,	Philadelphia,	Dorm. 217, D.
DeWolf, Halsey, A. B. (Harvard),	Providence, R. I.,	3638 Chestnut St.

Name.	Residence.	City Address.
Dixon, John William, A. B. (Scio, 1893),	Bridgeport, Ohio,	3265 Woodland Ave.
Dunning, Charles Murray,	Trenton, N. J.,	3347 Woodland Ave.
Edger, Benjamin Jones, Jr., A. B. (C. H. S., 1891),	Philadelphia,	1426 McKean St.
Edwards, John Wesley,	Brooklyn, N. Y.,	3953 Baltimore Ave.
Ekwurzel, George Macy,	Philadelphia,	Dorm. 247, M.
Edson, Elmer Rockwood,	Indianapolis, Ind.,	3808 Spruce St.
Elmer, Walter Gray, B. S. (Princeton, 1894),	Trenton, N. J.,	3600 Chestnut St.
Farrell, John Aloysius,	West Chester,	3637 Locust St.
Fife, Charles Andrew, A. B. (Stanford, 1894),	Pasadena, Cal.,	113 S. 40th St.
Fontaine, Bryce Washington,	Galveston, Tex.,	3258 Walnut St.
Ford, Frank Albert,	Bellwood,	3927 Pine St.
Forrest, George Walter Kitchen,	Wilmington, Del.,	[402 E. 8th St.]
Foster, Hugh Milton, Ph. B. (Dickinson, 1894),	Williamsport,	3915 Baltimore Ave.
Fox, Carroll,	Philadelphia,	3922 Chestnut St.
Fretz, John Edgar, A. M. (Lafayette, 1893),	Wissahickon,	Dorm. 218, E.
Gile, Ben Clark,	Philadelphia,	3808 Spruce St.
Gillmor, Benjamin Franklin,	Creston, Iowa,	3261 Woodland Ave.
Given, Ellis Edgar Willits,	Philadelphia,	2714 Columbia Ave.
Gordon, Clark Hutchinson,	Allentown, N. J.,	3301 Walnut St.
Granger, John Charles,	Philadelphia,	502 S. 10th St.
Griffith, Frederic,	do.	2031 Columbia Ave.
Greene, James Edward,	Castile, N. Y.,	3266 Sansom St.
Gunn, Frank, Ph. G.,	Philadelphia,	1428 W. Allegheny Av.
Hague, Eliott Moriarity, Ph. B. (Rochester),	Tidioute,	Dorm. 455, O.
Hamilton, Arthur Stephen, B. S. (Iowa, 1894),	Wyoming, Ia.,	3225 Sanson St.
Hancock, Frank Bacon, B. S. (Pennsylvania),	Philadelphia,	3841 Powelton Ave.
Hart, Charles Delucena, A. M. (Princeton),	do.	1317 Walnut St.
Heazlit, Ledra,	Auburn, N. Y.,	Dorm. 320, B.
Herr, William Hubley, A. B. (Franklin and Marshall, 1893),	Lancaster,	3332 Walnut St.
Hirst, John Cooke,	Philadelphia,	2121 Sansom St.
Hodge, Cortlandt Van Rensselaer, A. B. (Princeton, 1893),	Burlington, N. J.,	319 S. 41st St.
Hodges, Olye Spencer, B. S. (Southwestern, 1893),	Georgetown, Tex.,	Dorm. 144, N.
Holloway, Thomas Beaver, B. S. (Lafayette, 1894),	Danville,	50 N. 36th St.

Name.	Residence.	City Address.
Holmes, Lawrence Edward, B. A. (Tennessee, 1893),	Bowman's Bluff, N. C.,	115 S. 34th St.
Hughes, Willit Patterson,	Shickshinny,	Dorm. 442, K.
Hurst, Harry Herbert,	Beaver,	3248 Sansom St.
Jenner, Albert George,	Milwaukee, Wis.,	Dorm. 228, G.
Johnson, Francis Julius Le- Moyne, B. S. (Washington and Jefferson, 1894),	Washington,	3423 Chestnut St.
Jones, Thomas Cushing,	Scranton,	212 DeKalb Sq.
Kellogg, Frederick Sherlock, A. B. (Princeton),	Philadelphia,	4254 Regent Sq.
Kiefer, Hugo Albert, A. B. (Stanford, 1894),	Los Angeles, Cal.,	3305 Walnut St.
Klump, George Berry,	Williamsport,	3604 Powelton Ave.
Koons, Harry Haynes,	Shickshinny,	Dorm. 440, K.
Langenhorst, Felix John, B. S., M. D. (Iowa),	Ashton, Iowa,	3251 Sansom St.
Lauderdale, Walter Clark,	Philadelphia,	4605 Springfield Ave.
Leonard, Ward Holmes, B. S. (Highland, 1893),	Highland, Kan.,	3227 Sansom St.
Light, John Joseph,	Avon,	121 S. 34th St.
Loder, Acestes Grant, A. B. (Muhlenberg, 1886),	Philadelphia,	517 S. 8th St.
Lodholz, Edward, A. B. (C. H. S.),	do.	3103 Diamond St.
Long, John D., A. B. (Washington and Jeffer- son, 1894),	Greensburg,	405 S. 43d St.
Ludington, Paul Hagans, A. B. (Princeton, 1894),	Omaha, Neb.,	120 S. 34th St.
Lungershausen, Walde- mar Traugott,	Mt. Clemens, Mich.,	Dorm. 123, E.
Lyon, Edward, Jr.,	Williamsport,	3332 Walnut St.
McConnell, Charles Wheeler,	Thomas,	17 S. 40th St.
McKelway, John Irvin,	Philadelphia,	1612 Locust St.
Macrum, Robert Shuter,	Pittsburg,	131 S. 36th St.
May, James Vance, A. B. (Kansas, 1894),	Lawrence, Kan.,	3248 Sansom St.
Miller, Harry Garret,	Bridgeton, N. J.,	3946 Pine St.
Miller, William George,	Penllyn,	3332 Walnut St.
Mitchell, Robert Harold,	Memphis, Tenn.,	Dorm. 394, O.
Moore, George Rescarick, Jr.,	Trenton, N. J.,	3347 Woodland Ave.
Morin, Michelle Arnold,	Jamaica, W. I.,	3347 Woodland Ave.
Mossgrove, James Ross, Jr.,	Steubenville, O.,	204 S. 36th St.
Müller, Andrew John,	Philadelphia,	Dorm. 408, B.
Mulrenan, John Patrick, A. B. (C. H. S.),	do.	1201 S. 16th St.
Neff, Elmer Ellsworth,	Alexandria,	17 S. 40th St.
Newman, Oscar Augustus,	Steelton,	3301 Walnut St.
O'Hara, Thomas Aloysius, A. B. (C. H. S.),	Philadelphia,	31 S. 16th St.

Name.	Residence.	City Address.
Oesterling, Harry Edward, V. M. D.	Wheeling, W. Va.,	3338 Walnut St.
Osborne, Albert Edgar,	Oakland, Cal.,	Dorm. 417, C.
Ostheimer, Maurice, A. B. (Harvard),	Wyncote,	1419 Walnut St.
Parker, Jabez Sparks,	Pottsville,	741 N. 41st St.
Pepper, William, Jr., A. B. (Pennsylvania, 1894),	Philadelphia,	Dorm. 205, B.
Pyle, Wallace Bernard,	Jersey City, N. J.,	3643 Locust St.
Rains, George Perry, B. A. (Texas, 1893),	Marshall, Tex.,	3258 Walnut St.
Remaly, Charles Edward,	Easton,	3906 Walnut St.
Remington, Arthur Hart,	Philadelphia,	1832 Pine St.
Robbins, Walter John,	do.	1335 S. 6th St.
Roberts, Isaac Burton,	New Centreville,	3915 Baltimore Ave.
Roberts, Norman, A. B. (C. H. S.),	Philadelphia,	3925 Baltimore Ave.
Roop, Harry Backenstoe, B. S. (Lebanon Valley, 1892),	Highspire,	3338 Walnut St.
Rossiter, Frederick Magee, M. D.,	Battle Creek, Mich.,	1724 N. 15th St.
Saylor, Edward Stanton,	Philadelphia,	3929 Locust St.
Schleicher, John Reuben Harvey, B. S. (Palatinate, 1893),	Ashfield,	3244 Locust St.
Schlesman, Charles Harry,	Girardville,	3338 Walnut St.
Senseman, Theodore,	Atlantic City, N. J.,	1518 Marshall St.
Seymour, Walter Ernest,	Warren, R. I.,	3308 Woodland Ave.
Sherman, Elbert Stetson,	Manasquan, N. J.,	204 S. 36th St.
Shimer, Ira Augustus, A. B. (Lehigh, 1891),	Bethlehem,	3338 Walnut St.
Simcox, Lawrence, Ph. G.,	Houlton, Me.,	3305 Walnut St.
Sinclair, John Falconer, A. B. (Pennsylvania, 1893),	Cedar Rapids, Ia.,	300 S. 36th St.
Siter, Elijah Hollings- worth,	Philadelphia,	2038 Locust St.
Skillern, Ross Hall,	do.	3509 Baring St.
Smalley, Mahlon Cross,	Liberty Corner, N. J.,	3227 Sansom St.
Smith, George Lewis, Ph. G.,	Orristown,	5538 Wayne Ave., Gtn.
Smith, Harvey Fetterhoff, Ph. B. (Bucknell, 1894),	Harrisburg,	3338 Walnut St.
Smith, William Clarkson,	Airville,	50 N. 36th St.
Smyth, Henry Field,	Philadelphia,	E. Penn and Chew Sts. Germantown.
Stafford, Samuel Patterson,	do.	1432 Lombard St.
Storm, Walter,	Delaware Water Gap,	3907 Pine St.
Stubbs, Ralph Preston,	Wilmington, Del.,	Dorm. 228, G.
Sweeney, George Alphonso,	Chester,	Dorm. 421, E.
Taylor, David Torrens,	Philadelphia,	2110 Mt. Vernon St.



Name.	Residence.	City Address.
Trainer, Robert Fitzimmons,	Williamsport,	3915 Baltimore Ave.
Truby, Albert Ernest, B. S.	Otto, N. Y.,	3336 Chestnut St.
(Pennsylvania, 1894),		
Truby, Willard Frederick,	do.	3336 Chestnut St.
B. S. (Pennsylvania, 1894),		
Twaddell, Thomas Poage	Philadelphia,	4203 Chester Ave.
Hunt,		
Underwood, Charles Rad-	New Glasgow,	3619 Locust St.
cliffe,	Nova Scotia,	
Wadsworth, William Scott,	Philadelphia,	3738 Locust St.
Wagner, Andrew Fremont,	Easton,	3475 Sansom St.
M. A. (Lafayette, 1895),		
West, George Silas, A. M.	Philadelphia,	4540 Sansom St.
(Princeton, 1890),		
Wille, Clarence Woldemar,	do.	2600 Girard Ave.
A. B. (C. H. S.),		
Williams, Carl Sheldan, B. S.	Wellington, Ohio,	3617 Locust St.
(Pennsylvania),		
Willard, Henry Francis, A. B.	Boston, Mass.,	3934 Sansom St.
(Harvard, 1892),		
Willson, Robert Newton,	Philadelphia,	300 S. 36th St.
Jr., A. B. (Pennsylvania,		
1893),		
Wister, James Wilson,	do.	Dorm. 205, B.
Woodruff, Wylie Glidden,	Beloit, Kan.,	3607 Locust St.
Worth, William Thomas,	Coleraine,	3261 Chancellor Place.
B. E. (Millersburg, 1893),		
Wylie, Charles Robert, A. M.	Philadelphia,	4319 Osage Ave.
(Princeton, 1885),		

## THIRD-YEAR CLASS.

Ahlborn, Maurice Bertram,	Wilkesbarre,	Dorm. 227, F.
Alexander, Guy Levis,	Lancaster,	3328 Walnut St.
Allen, Alfred Reginald,	Bethlehem,	3707 Woodland Ave.
Anderson, Harry Miller,	Allentown, N. J.,	3330 Woodland Ave.
Armstrong, William Nesbit,	Lock Haven,	3711 Powelton Ave.
Arner, Quintin David,	Slatington,	3330 Woodland Ave.
Atkinson, Hugh Hamilton,	Asheville, N. C.,	3700 Walnut St.
B. S. (North Carolina),		
Babbitt, James Addison,	Haverford,	Haverford College.
B. A. (Yale, 1893); A. M.		
(Haverford, 1896),		
Barndt, Frank, A. B.	Sumneytown,	3256 Chestnut St.
(Penna. Coll.),		
*Beck, Horace P.,	Wilkesbarre,	Dorm. 377, K.
Becker, Harvey Mayor,	Hanover,	3423 Walnut St.
*Backus, Henry Nelson,	Philadelphia,	2047 Oxford St.
Bennett, John, Jr.,	do.	1614 N. 27th St.

\* Pursuing Three-year Course.

Name.	Residence.	City Address.
Bernd, Leo Heller,	Macon, Ga.,	Dorm. 149, O.
Bichler, Jacob William,	Middleport,	19 S. 32d St.
Bitzer, Newton E.,	Lancaster,	3617 Locust St.
Birnie, Charles Wainwright,	Charleston, S. C.,	3223 Woodland Ave.
Bloomhardt, Fred Hernan,	Altoona,	3265 Woodland Ave.
A. B. (Penna. Coll., 1894),		
Barber, Thomas, A. B.	Phillipsburg, N. J.,	3814 Spruce St.
(Lafayette, 1895),		
Barker, Olin George Andrews, Ph. B. (Lafayette),	Ebensburgh,	3926 Pine St.
Barth, George P., A. B.	Milwaukee, Wis.,	3701 Locust St.
(Wisconsin),		
Borger, Otto Peter,	Philadelphia,	704 S. 4th St.
*Bostwick, John Langford,	Kahoka, Mo.,	3332 Chestnut St.
Bower, Albert Edward,	Marionville,	Dorm, 396, O.
Boyle, Morris Parker,	Philadelphia,	1534 Diamond St.
Brick, Benjamin Kain, B. S.	Marlton, N. J.,	117 S. 34th St.
(Bucknell, 1895),		
Bringhurst, Joseph,	Marshallton, Del.,	34th & Lancaster Ave.
Britton, Thomas Vassar,	Flemington, N. J.,	3643 Locust St.
Brown, Alexander M., B. S.	Pleasantville,	131 S. 36th St.
(Amherst),		
Bumstead, Charles Martius,	Decatur, Ill.,	3913 Woodland Ave.
Burns, Louis Joseph Ignatius,	Philadelphia,	753 S. 20th St.
Butz, Jacob Treichler,	Allentown,	3304 Woodland Ave.
Black, Walter Munro,	Tidioute,	131 S. 36th St.
*Boston, Samuel Clifford,	Philadelphia,	1410 Ridge Ave.
*Boulet, Henry Augustus,	Mobile, Ala.,	3403 Walnut St.
A. B. (Spring Hill),		
Campbell, Oscar Clayman,	Lancaster,	3615 Locust St.
Campbell, William McFarlane,	Port Royal,	3712 Walnut St.
Carey, Harry Keyser,	Philadelphia,	842 N. 19th St.
Casey, Michael Lester, A. B.	Rochester, N. Y.,	3921 Pine St.
(Rochester),		
Clyde, Harry Edwards,	Chester.	
Conaway, Walt Ponder, A. B.	Dover, Del.,	3725 Spruce St.
(Delaware),		
Cooper, Francis L.,	Philadelphia,	1622 S. Broad St.
Corser, John Bliss,	Pottsville,	3328 Walnut St.
Cox, Lester E.,	Portland, Me.,	3913 Woodland Ave.
Craig, Frank Ardary,	Philadelphia,	3417 Baring St.
Crampton, George Sumner,	Rock Island, Ill.,	1503 Spruce St.
Cramer, Alfred, Jr., A. B.	Cramer Hill, N. J.,	102 S. 36th St.
(Princeton),		
Cregar, Peter Bodine, B. S.	Annandale, N. J.,	115 S. 34th St.
(Bucknell),		
Crowe, William Wilson,	Philadelphia,	35 N. 34th St.

\*Pursuing Three-year Course.



Name.	Residence.	City Address.
Cruice, John Mulchinock, A. B. (Pennsylvania),	Philadelphia,	114 N. 18th St.
Darrah, Percival Walter,	Leavenworth, Kan.,	Dorm. 240, A.
Davis, Edward Lowndes,	Danville,	101 S. 34th St.
Davis, Harry Thomas,	St. Clair,	741 N. 41st St.
Dean, Elmer A.,	Centreville, Tenn.,	3347 Woodland Ave.
Delaney, Matthew Augustus,	Waymart,	3953 Baltimore Ave.
Denckla, Hermann Albert,	Philadelphia,	2032 De Lancey Place.
Dewing, Louis A.,	Boston, Mass.,	114 S. 40th St.
Dickinson, Breese Morse, A. B. (Kansas),	Lawrence, Kan.,	3808 Spruce St.
Dobbyn, George Henry	Beechworth, Vic-	3960 Pine St.
Sawtell, D. D. S.,	toria, Australia,	
*Donnelly, Edward John, A. B. (La Salle),	Philadelphia,	2611 N. 4th St.
Downey, Henry Arthur,	Point Pleasant, N. J.,	112 S. 33d St.
Draper, James, Avery, Jr., B. A. (Yale),	Wilmington, Del.,	3801 Ludlow St.
Eastwood, James Stewart, B. A. (Tufts, 1894),	West Brattleboro', Vt.,	3234 Chestnut St.
Edwards, James Franklin, A. B. (Grove City),	Slate Lick,	3265 Woodland Ave.
Eichel, Sidney Jacob,	Evansville, Ind.,	3705 Woodland Ave.
Elmer, Macomb Kean, B. S. (Princeton),	Bridgeton, N. J.,	3600 Chestnut St.
Eppinger, Abraham W.,	Bismarck, N. Dak.,	3471 Sansom St.
*Fargo, Joseph Chester,	Augusta, Ga.,	3302 Lancaster Ave.
Farquhar, Raymond Rodgers,	Philadelphia,	Dorm. 501, F.
Farr, Clifford Bailey, B. A. (Haverford, 1894),	Wenonah, N. J.,	4310 Sansom St.
Ferry, Ralph Wilson,	Niles Valley, Pa.,	1748 N. 22d St.
Feldman, Max, Ph. G.,	Newark, N. J.,	3430 Sansom St.
Fetterman, Wilfrid Bernard, Jr.,	Philadelphia,	524 Walnut St.
Field, William Hill,	Evansville, Ind.,	3346 Walnut St.
Fleming, James Patrick, Ph. B. (Rochester),	Charlotte, N. Y.	
Foerster, Otto Hottinger,	Milwaukee, Wis.,	3604 Walnut St.
Foster, Curtis S., A. B. (Princeton),	East Brady,	Dorm. 502, F.
Francine, Albert P., A. B. (Pennsylvania), A. M. (Harvard),	Philadelphia,	1404 Spruce St.
Freeman, Samuel,	Trenton, N. J.,	122 S. 34th St.
Garth, Robert Mann,	Mill Hall,	3931 Baltimore Ave.
Gleeson, James Joseph, B. S. (Manhattan),	New Haven, Conn.,	15 N. 34th St.

Name.	Residence.	City Address.
Gosman, George Henry, Jr.,	Brooklyn, N. Y.,	3604 Walnut St.
Greer, Rober Bruce, B. S. (Penna. State College),	Butler,	3537 Locust St.
Griffin, Thomas William,	Benton, N. B.,	3713 Woodland Ave.
Grissinger, Jay Weir,	Mechanicsburg,	3305 Walnut St.
Groh, John Brightbill,	Lickdale,	3259 Woodland Ave.
Grosser, Claudius Robert,	Wilkesbarre,	15 N. 34th St.
Haig, Charles Roberts, Jr.,	Philadelphia,	1901 Master St.
Hanley, Walter Scott,	do.	1255 N. 10th St.
Harbridge, Delamere Forest,	Racine, Wis.,	3328 Walnut St.
Harris, Richard Henry,	Philadelphia,	913 Diamond St.
*Hemphill, Joseph, Jr.,	West Chester,	3713 Powelton Ave.
Hershey, Jacob Davis,	Mountville,	3336 Chestnut St.
Herst, George Reineman,	Pittsburg,	3228 Walnut St.
Hess, William Giles,	Chestnut Level,	2406 N. 15th St.
Hinson, Eugene Theodore,	Philadelphia,	1339 S. 19th St.
Holingsworth, Arthur,	Pawtucket, R. I.,	Dorm. 399, O.
Hollister, Frederic Purdy,	Wilkesbarre,	3260 Sansom St.
Horning, Henry,	Chester,	Dorm. 423, E.
Hoskins, John,	Elwyn.	
Howard, Frederick Hollis,	Philadelphia,	221 St. Mark's Sq.
Hutchinson, Alfred Dunbar,	Trenton, N. J.,	3422 Sansom St.
*Irwin, George R.,	Clearfield,	3332 Walnut St.
James, Harry Murray,	New York, N. Y.,	223 S. 33d St.
Jarvis, George O.,	Portland, Conn.,	3338 Walnut St.
Jefferys, William Hamilton, A. B. (Pennsylvania),	Philadelphia,	3928 Walnut St.
Johnston, John,	do.	1711 Wallace St.
*Judd, Charles Hollister,	Manlius, N. Y.,	3604 Walnut St.
Kaines, Arthur Wiley,	Lykens,	3259 Woodland Ave.
Kane, J. A. Bayard,	Philadelphia,	245 S. 15th St.
*Keiter, Ira A.,	Williamstown,	3322 Woodland Ave.
Kelsay, Clarence,	Evansville, Ind.,	3705 Woodland Ave.
Kennedy, Lucius Carter, A. B. (Princeton, 1895),	Scranton,	102 S. 36th St.
*Keylor, Walter Norwood,	Nine Points,	2411 Columbia Ave.
Kilgore, Frank Dietrich,	Harrisburg,	3221 Sansom St.
King, George Farquhar	Providence, R. I.,	101 S. 37th St.
Jones, B. P. (Brown, 1889),		
Kistler, Arthur Simon,	Mount Jewett,	Dorm. 397, O.
*Klinck, George Sawers,	Utica, N. Y.,	Hotel Powelton,
*Koonz, William,	Philadelphia,	2838 Richmond St.
Kriz, George Herbert,	Milwaukee, Wis.,	Dorm. 214, D.
*Laughlin, John Prothero,	Indiana,	3609 Locust St.
Leavitt, Frank,	Youngstown, Ohio,	3815 Spruce St.
Le Boutillier, Theodore,	Germantown,	Dorm. 148.
Liggett, Joshua Willard, A. B. (Wooster),	Leesville, Ohio,	Dorm. 396, O.
Lindauer, Eugene,	Frostburg, Md.	Dorm. 356, G.

Name.	Residence.	City Address.
Linn, Charles Francis, A. B. (Washington and Jefferson),	Washington,	3417 Hamilton St.
Lippert, William Henry,	Philadelphia,	2015 Ridge Ave.
*Lippincott, Samuel Wesley,	do.	3434 Sansom St.
*Lyon, Leslie Clyde,	Williamsport,	3420 Sansom St.
Lowa, Walter,	Philadelphia,	657 N. Broad St.
Lyon, Charles Hodge, A. B. (Wooster, 1895),	Wooster, Ohio,	832 N. Broad St.
Mackenzie, Robert H. M.,	Scranton,	118 S. 33d St.
Markley, John Morris,	Schwenksville,	3248 Sansom St.
Marsh, Robert Joseph,	Eugene, Oregon,	117 S. 34th St.
Mason, Wellington,	Williamstown,	3432 Sansom St.
Maxwell, Wallace L.,	Fernandina, Fla.,	3705 Powelton Ave.
Miller, A. Baxter,	Factoryville,	3433 Woodland Ave.
Miller, James Preston, Jr.,	Livingston, Tenn.,	3423 Walnut St.
Miller, John De Mott, A. B. (Kansas State, 1895),	Peabody, Kan.,	3231 Sansom St.
Mills, Harry Booker,	Philadelphia,	2019 N. 16th St.
Mintzer, Leonidas Hamlin Cookman,	do.	2144 S. 15th St.
Mitchell, Charles Franklin,	Wilkesbarre,	Dorm. 227, F.
Mitchell, Edward Dana, Jr.,	Memphis, Tenn.,	Dorm. 394, O.
Monagan, Charles Andrew, B. S. (Trinity),	Waterbury, Conn.,	3313 Walnut St.
Moore, Edward Kemp,	Clayton, N. J.,	300 S. 36th St.
Moore, Seth Eastman,	Washington, D.C.,	Dorm. 501, F.
Morales, Marcos Delio,	Philadelphia,	2101 Camac St.
Moran, Patrick Joseph,	Edwardsville,	15 N. 34th St.
Murtagh, John Anthony,	Philadelphia,	Cor. Hancock and Price Sts.
Myers, Albert William,	Milwaukee, Wis.,	3445 Walnut St.
McCauley, William Lloyd, A. B. (Princeton, 1894),	Stanley, N. Y.,	300 S. 36th St.
McCoy, George Walter,	Elkins, W. Va.,	3709 Woodland Ave.
McCullagh, Samuel, A. B. (Pennsylvania),	Worcester, Mass.,	2012 Race St.
McLinden, James John,	Waterbury, Conn.,	28 N. 36th St.
McWilliams, Frank,	Schuylkill Haven,	32 N. 37th St.
Norris, Charles Camblos,	Philadelphia,	3801 Ludlow St.
Orbison, Thomas James,	Bellefonte,	3537 Locust St.
Ostheimer, Alfred James, Jr., A. B. (Harvard, 1895),	Wyncote,	1419 Walnut St.
Pancoast, Henry K.,	Philadelphia,	3205 Baring St.
Parker, Clifford Brick,	Pittsburg,	Dorm. 235, I.
Paynter, Rowland Gardiner, B. A. (Yale, 1895),	Georgetown, Del.,	Dorm. 414, C.
Pennell, Howard Yarnall,	Wawa.	
Peters, Urban Joseph Whitehead,	Vicksburg, Miss.,	4235 Regent Sq.
*Petersen, Alfred Charles N.,	Worcester, Mass.,	3754 Powelton Ave.

Name.	Residence.	City Address.
Petry, William,	Newark, N. J.,	3430 Sansom St.
Phillips, James McIlvaine,	Scranton,	Dorm. 360, H.
Potter, Gurdon,	Philadelphia,	4724 Warrington Ave
*Prall, Samuel O.,	Belvidere, N. J.,	3703 Spruce St.
*Pollak, Berthold Steinbach,	Vienna, Austria,	1309 N. Broad St.
Portser, Iden Mayfield,	Greensburg,	3320 Walnut St.
Price, George Elmer,	Philadelphia,	1940 N. 6th St.
Quicksall, William Edward,	do.	1705 Oxford St., Fkd.
Reid, Robert Stephen,	Savannah, Ga.,	3717 Spruce St.
Richman, Edward Milton,	Philadelphia,	2030 Brandywine St.
Roberts, Frederick Charles,	Dodgeville, Wis.,	3814 Spruce St.
B. S. (Wisconsin, 1895),		
Robinson, George, Jr.,	Philadelphia,	1930 Gratz St.
Robison, John Isaac,	State College,	3423 Walnut St.
Roland, Charles,	Reading,	3743 Locust St.
Romero, Nicolas, B. A.	Masaya, Nic.,	3303 Walnut St.
Russ, Witten Booth,	San Antonio, Tex.,	3913 Woodland Ave.
Salmon, Leon Trudeau,	Lock Haven,	3346 Walnut St.
Sands, William Hupp,	Fairmont, W. Va.,	3815 Spruce St.
Scott, John B., A. M.	Philadelphia,	3918 Sansom St.
(Wesleyan),		
Schamberg, Morris Isaac,	do.	831 N. Broad St.
D. D. S.		
Sexton, Frank Joseph,	Brockton, Mass.,	3915 Baltimore Ave.
Shailer, Sumner,	New York, N. Y.,	251 S. 38th St.
*Shearer, Christopher H.,	Harrisburg,	3434 Sansom St.
Shepherd, Irwin James,	Delaware City,	32 N. 37th St.
	Del.,	
Shoemaker, Walter Ray,	Ebensburg,	3926 Pine St.
Shortlidge, Charles Beverly,	Concordville.	
Sichel, Clarence C.,	Philadelphia,	1812 Mt. Vernon St.
Smith, Charles Russell, A. B.	Tioga,	3273 Sansom St.
(Union),		
Smith, Eugene Albert,	Madison, Wis.,	3738 Locust St.,
Smith, Frank Herbert, A. B.,	North Hadley,	767 N. 40th St.
(Amherst, 1893),	Mass.,	
Smith, J. Anson, B. S.	Gloucester, N. J.	
(Pennsylvania),		
Smith, John Greer,	Philadelphia,	Manayunk.
Smith, William Bernard,	do.	1612 Diamond St.
Smitheman, Edward Wright,	do.	3510 Hamilton St.
A. B. (C. H. S.),		
Snell, Albert C.,	Geneva, N. Y.,	3617 Locust St.
Speirs, George Campbell,	Hartford, Conn.,	3401 Walnut St.
D. D. S.		
Stanton, William B.,	Whitney, N. Y.,	3313 Walnut St.
Steele, John Gurdon,	Wellsboro',	3273 Sansom St.
Steer, Samuel Lewis, A. B.	Philadelphia,	2213 Wallace St.
(C. H. S.),		



Name.	Residence.	City Address.
*Stehley, Paul Haldeman,	Falling Waters, W. Va.,	3702 Spruce St.
Stemple, John Henry, Jr.,	Conshohocken.	
Stock, George Andrew,	Gettysburg,	3637 Locust St.
Stretch, Charles Fullaway,	Philadelphia,	1623 N. 18th St.
A. B. (C. H. S., 1894),		
Sturges, Leigh F.,	Lewiston, Me.,	1625 Wallace St.
Sutton, Howard Anderson,	Haverford,	300 S. 36th St.
A. B. (Wesleyan, 1895),		
Sweet, Earl B.,	Los Angeles, Cal.,	Dormitories.
Target, John Donald,	Philadelphia,	1220 Ritner St.
Thomas, John Quincy,	Norristown.	
Thompson, Albert Ely, A. B.	Washington	3261 Woodland Ave.
(Washington and Jefferson),		
Tismer, Gustav Paul,	Berlin, Germany,	3735 Spruce St.
Tobias, John Benjamin,	South Gibson,	3713 Powelton Ave.
Tracy, Stephen Edward,	Richmond, N. B.,	3305 Walnut St.
Torralbas, Federico, A. B.	Havana, Cuba,	Dorm. 409, B.
(Havana),		
Trexler, James E.,	Philadelphia,	4438 Chestnut St.
Uhle, Alexander Augustus,	do.	8135 Germantown Ave.
A. B. (C. H. S.),		
Vail, James Lindley,	Branchville, N. J.,	604 S. 42d St.
Van Camp, David W., A. B.	Plainfield,	3265 Woodland Ave.
(Penna. Coll.),		
Vernon, Samuel Milton, Jr.,	Philadelphia,	252 N. 13th St.
Wales, Joseph Patten, Ph. B.	Wilmington, Del.,	[728 King St.]
(Yale),		
Wanamaker, John, 3d, A. B.	Philadelphia,	1511 Mt. Vernon St.
(C. H. S.),		
Warner, Albert Rowland,	Rosemont.	
Warner, Harry Mead, B. S.	Glenn's Falls,	3313 Walnut St.
(Cornell),	N. Y.,	
Weeks, David F.,	Trenton, N. J.,	3702 Spruce St.
Weidler, Walter Bair,	Lancaster,	3328 Walnut St.
Weimer, Clay Holloway,	Cumberland, Md.,	3643 Locust St.
B. S. (Maryland Agricul.),		
Weisser, Edward Andrew,	Pittsburg,	3735 Spruce St.
Westervelt, Harry Clarkson,	do.	3731 Locust St.
Williams, Edward Newlin,	New Hope,	3306 Race St.
B. S. (Swarthmore),		
Wilson, George Thomas,	Hoosick Falls,	3305 Walnut St.
	N. Y.,	
Wilson, Joseph G.,	Flushing, Ohio,	3231 Sansom St.
Witherspoon, Charles Russel,	Rochester, N. Y.,	3921 Pine St.
A. B. (Rochester),		
*Woods, Harvey Wharton,	Blain,	10 S. 36th St.
Woodward, Henry Thomas,	San Diego, Cal.,	3338 Chestnut St.
A. B. (Stanford),		

Name.	Residence.	City Address.
Worden, Charles Beatty, A. B. (Princeton, 1894),	Philadelphia,	4208 Walnut St.
Wunder, Charles Whitall,	do.	4802 Springfield Ave.
Yawger, Nathan Shurts,	Trenton, N. J.,	5015 Greenway Ave.
*Zaratt, Jacinto,	San Juan, Puerto Rico,	1837 Addison St.

## SECOND-YEAR CLASS.

Andrew, Russell G., Jr.,	Navesink, N. J.,	3608 Locust St.
Anderson, Guy Roland, B. S. (Dickinson Seminary),	Williamsport,	3215 Powelton Ave.
Anderson, Joseph Wilson,	Norristown.	
Austin, William Sidney, A. B. (Tennessee 1895),	Brownsville, Tenn.,	3422 Sansom St.
Baker, Hugh,	Wilmington, Del.	
Barnhart, Henry Byers,	Greensburg,	Dorm. 445, M.
Barnhill, Edwin M.,	New Philadelphia, Ohio,	3904 Walnut St.
Barranco, Marco Antonio,	Tabasco, Mex.,	3340 Chestnut St.
Barry, Chester L.,	Oxford,	13 S. 15th St.
Behrend, Moses, A. B. (C. H. S., 1895),	Philadelphia,	1324 N. 6th St.
Blackford, Robert Alexander, A. B. (Washington and Jefferson),	Martin's Ferry, Ohio,	109 S. 34th St.
Bleich, William David,	Newark, N. J.,	3432 Sansom St.
Boardman, Albertus Kellogg,	Sheffield, Mass.,	3250 Sansom St.
Bock, Franklin William,	Dansville, N. Y.,	Dorm. 303, A.
Bogart, Arthur E.,	Philadelphia,	1913 Passyunk Ave.
Bontecou, Howell Sylvester,	Matteawan, N. Y.,	261 S. 38th St.
Bolan, Herbert Aloysious, A. B. (Georgetown),	Philadelphia,	869 N. 41st St.
Boyd, Harry Wilson, A. B. (Washington and Jefferson),	Pittsburg,	3923 Baltimore Ave.
Bradeen, Fred Barton,	Greenville, Me.,	Dorm. 139, L.
Bradley, Charles Augustine,	Philadelphia,	4432 Parrish St.
Breed, Maurice Edwards,	Pittsburg,	Dorm. 140, L.
Brown, Samuel Horton, Jr.,	Bala,	618 N. 39th St.
Brown, F. Wigton,	Concordville.	
Browse, Henry Nicholas,	Grape Island, W. Va.,	3725 Spruce St.
Burden, Reginald McIntosh,	Green Bay, Wis.,	327 N. 40th St.
Busch, John William Augustus,	Philadelphia,	2208 N. 19th St.
Byrne, Thomas Joseph,	do.	2200 Tasker St.
Caldwell, John Dean,	Hollidaysburg,	3923 Baltimore Ave.
Carnett, J. Berton,	Ansonia,	Dorm. 221, E.
Carpenter, Gilbert Vilas,	Iron Mountain, Mich.,	3803 Ludlow St.
Cassidy, Paul Bernard,	Wilkesbarre,	15 N. 34th St.

\*Pursuing Three-year Course.

Name.	Residence.	City Address.
Chambers, James Quarles, A. B. (Washington and Lee),	Lexington, Mo.,	3903 Locust St.
Crawford, James Rea, A. B. (Washington and Jefferson),	Philadelphia,	405 S. 43d St.
Curtis, Frederic Chester,	West Stockbridge, Mass.,	Dorm. 435, I.
Cheyney, J. Warren,	West Chester,	113 S. 34th St.
Christy, George Hill, A. B. (C. H. S.),	Philadelphia,	1739 N. 21st St.
Cilley, Bradbury, A. B. (Amherst, 1894); A. M. (Columbia, 1895),	do.	4132 Eaglesfield St.
Clemens, Francis, Jr.,	Ridley Park.	
Comegys, Robert A.,	Middletown, Del.,	Dorm. 359, H.
Cooley, Martin Jennings, Jr.,	Savannah, Ga.,	3412 Ludlow St.
Cottle, Louis Albert,	Boston, Mass.,	123 S. 34th St.
Crothers, Lewis Haines,	Upland.	
Cunningham, Edward Jo- seph,	Philadelphia,	1537 S. Broad St.
Cutts, William Bryant, A. B. (Bates, 1895),	North Anson, Me.,	24 S. 34th St.
Dandy, George Brown, Jr.,	Omaha, Neb.,	4116 Spruce St.
Darlington, Emlen Painter,	West Chester,	3419 Hamilton St.
Davies, William Rowland,	Wyoming,	3713 Woodland Ave.
Davison, Robert E.,	Ebensburg,	3713 Woodland Ave.
De Bruler, James Presbury,	Evansville, Ind.,	3326 Walnut St.
De Valin, Hugh,	Washington, D.C.,	3258 Walnut St.
Du Bell, Amos Keeler, Jr.,	Columbus, N. J.,	Dorm. 315, B.
Darlington, Emerson E.,	New Bloomfield.	
De Loffre, Samuel Middle- ton, B.A. (Ohio State, 1895),	Fort Logan, Col.,	3406 Sansom St.
Dengler, Clarence Keller,	Pottsville,	3814 Spruce St.
Dickinson, James Edward,	Steelton,	101 S. 34th St.
Donaldson, Albert Barnes,	Philadelphia,	1013 Farragut Terrace.
Doran, John,	do.	1929 Montrose St.
Dorety, Philip Joseph,	Trenton, N. J.,	109 S. 34th St.
Drein, William Clifton,	Wilmington, Del.,	Dorm. 242, L.
Dunsmore, Albert Franklin,	Glen Richey,	3273 Sansom St.
Dye, Frank Hazzard, A. B. (C. H. S.),	Philadelphia,	1216 Brown St.
Eisenberg, John Lawrence,	Norristown,	* [221 W. Main St.]
Evans, George Oliver,	Pittsburg,	3265 Sansom St.
Elwell, Alfred Maull,	Bridgeton, N. J.,	3703 Spruce St.
Ennis, Joseph,	Burkittsville, Md.,	261 S. 38th St.
Enright, James Geary,	Freehold, N. J.,	Dorm. 363, I.
Evans, Joseph Spragg, Jr., A. B. (Haverford, 1895),	West Chester.	
Evans, Thomas Horace,	Philadelphia,	2041 Wallace St.
Fishburn, Benjamin Bright,	Harrisburg,	3322 Woodland Ave.
Fraley, Frederick, Jr., A. B. (Pennsylvania, 1896),	Philadelphia,	1833 Pine St.



Name.	Residence.	City Address.
Falk, Harry S.,	Wilkesbarre,	223 S. 33d St.
Foster, Albert Lee,	St. Augustine, Fla.	
Flannery, Henry, Jr.,	Douglasville,	Dorm. 244, M.
Fegley, Theodore Charles,	Orwigsburgh,	4332 Market St.
Feidt, Wilson Wellington,	Millersburgh,	3432 Sansom St.
Fisher, William Endy,	Reading,	3223 Sansom St.
Fithian, George Washington,	Bridgeton, N. J.,	4204 Baltimore Ave.
Flynn, John Cajatan,	Salem, N. J.,	3606 Locust St.
Fly, Robert Judson,	Easton,	3475 Sansom St.
Foster, George B.,	Lynn, Mass.,	3913 Woodland Ave.
Fox, William Wellington,	Philadelphia,	2745 N. 11th St.
A. B. (C. H. S., 1895),		
Franklin, Paul H.,	Portsmouth, Ohio,	3735 Spruce St.
Fritchey, Charles Albert,	Harrisburg,	3613 Locust St.
Gandy, Raymond Reeves,	Philadelphia,	2232 N. 16th St.
Gay, Clarence Bertram,	Providence, R. I.,	3814 Spruce St.
Gay, William Madison,	Windsor, Vt.,	3422 Sansom St.
Geisler, Howard Dickes,	Philadelphia,	703 W. Cumberland
A. B. (C. H. S.),		St.
Gengenbach, Frank Paul,	do.	1021 Race St.
A. B. (C. H. S.),		
Gilmour, Samuel Bayard,	Philipsburg,	3911 Woodland Ave.
Golding, Albert M.,	Trenton, N. J.,	3422 Sansom St.
Goldsmith, Milton,	Connellsville,	3735 Spruce St.
Gorham, Fordyce Clark,	Coudersport,	3471 Sansom St.
M. E.		
Grant, Walter Scott, A. B.	Cuyahoga Falls,	3428 Sansom St.
(Middlebury),	Ohio,	
Grushlaw, Israel,	Philadelphia,	709 South St.
Glosser, Herbert Hartman,	Paoli.	
Gildersleve, George H., Jr.,	Camden, Del.,	3915 Baltimore Ave.
Green, George Dorsey,	Waddles,	3953 Baltimore Ave.
B. S. (Penna. State, 1895),		
Graham, William Alexander,	Hillsboro, N. C.,	3338 Chestnut St.
A. B. (North Carolina, 1895),		
Gottschalk, Leon,	Chester.	
Gibbons, J. Myles,	Scranton,	3259 Sansom St.
Harris, Edward Humes, B.S.,	Bellefonte,	3701 Locust St.
(Penna. State),		
Hoffman, Miles A.,	Rosemont.	
Halloran, Paul Stacy,	Fort Niobrara, Neb,	Dorm. 139, L.
Hambright, Harry Colman	Lancaster,	Dorm. 427, F.
Martin,		
Harbert, George Eugene,	Mt. Holly, N. J.,	3643 Locust St.
Harris, Frank E.,	Philadelphia,	2010 Girard Ave.
Hatfield, Charles James,	Philadelphia,	3904 Baltimore Ave.
Hedding, Benjamin E., B.S.,	Morrisdale Mines,	3215 Powelton Ave.
(Dickinson Seminary),		
Heller, Samuel H.,	Binkley,	3814 Spruce St.
High, William Beidler,	Shillington	3814 Spruce St.
A. M. (Princeton, 1891),		

Name.	Residence.	City Address
Hoagland, Henry William-son,	Hazleton,	Dorm. 240, K.
Hodge, Edward Blanchard, Jr., A. B. (Princeton, 1896),	Philadelphia,	319 S. 41st St.
Hoffman, William,	Stockton, N. J.,	417 N. 41st St.
Holbrook, Bradbury, A. B. (Harvard),	Danversport, Mass.,	Dorm. 106, B.
Hoover, Percy Daniel, B. S. (Gettysburg, 1895),	Waynesboro,	Dorm. 146, N.
Howell, William H.,	Round Top,	Dorm. 221, E.
Humphreys, Harry Gass,	Angel Island, Cal.,	1344 Pine St.
Huyette, Martin Luther,	Shillington,	12 S. 34th St.
Irwin, James Willoughby,	Philadelphia,	1251 S. 47th St.
James, Uriah A.,	Wilkesbarre,	206 S. 36th St.
Keim, William Franklin, M. S. (Lincoln, Neb., 1894),	Addison,	3709 Woodland Ave.
Kelly, Samuel John Joseph, A. B. (La Salle),	Philadelphia,	2102 N. 6th St.
Kluttz, Clarence, B. S. (North Carolina, 1895),	Salisbury, N. C.,	3338 Chestnut St.
Kohn, Bernard, B. S. (Pennsylvania, 1895), M. S. (Pennsylvania, 1896),	Philadelphia,	1523 N. 8th St.
Kratz, Charles Sumner,	New Britain,	27 N. 34th St.
Krebs, Lloyd Le Roy,	Cedar Rapids, Ia.,	Dorm. 309, A.
Lane, Lauriston Job, B. S.	Sao Paulo, Brazil,	Dorm. 141, M.
Langham, William H.,	Manor,	Dorm. 450, M.
Laughlin, Harry, (Union Coll.),	Philadelphia,	2010 Tulip St.
Laird, Arthur Turner, A. B. (Oberlin, 1894),	Hinsdale, Mass.,	Dorm. 435, I.
Ledbetter, Robert Emmett,	Austin, Texas,	126 S. 34th St.
Lessig, James Alfred,	Schuylkill Haven,	4332 Market St.
Levering, Guy P.,	Lafayette, Ind.,	3600 Chestnut St.
Lewis, Stephen C., A. B. (Grove City),	Frostburg,	Dorm. 437, I.
Lilley, Wilbur,	California,	3917 Baltimore Ave.
Lindeman, Charles Edward,	Meadville,	3931 Baltimore Ave.
Lindsey, John Hathaway, A. B. (Brown, 1892),	Fall River, Mass.,	3625 Locust St.
Livingood, William Norman,	Reading,	Dorm. 254, O.
Loeb, Victor Alexander, A. B. (C. H. S., 1895),	Philadelphia,	957 N. 8th St.
Longwell, Benton E.,	do.	4445 Chestnut St.
Luther, John Weaver,	Reading,	2033 N. College Ave.
Leaman, Walter John, B. S. (Pennsylvania),	Leaman Place,	3800 Locust St.
Luburg, Leon Franklin,	Philadelphia,	N.E. 7th and Arch Sts.
Lewald, Samuel, A. B. (C. H. S., 1889),	do.	818 N. 8th St.

Name.	Residence.	City Address.
McClure, Charles Francis, A. B. (Oberlin, 1895),	Assumption, Ill.,	436 S. 40th St.
McClure, James Sorden,	Philadelphia,	21 S. 16th St.
McVean, Stewart, N., B. S. (Westminster),	York, N. Y.,	Dorm. 366, I.
McGowan, Joseph Augustine,	Philadelphia,	2210 Poplar St.
Marshall, Joseph T.,	Kennett Square.	
Marsh, William Howard,	Tioga,	215 S. 33d St.
Meigh, Josiah,	Trenton, N. J.,	3256 Sansom St.
Miller, Thomas Alfred,	Pittsburg,	3256 Sansom St.
Mongel, Ernest B., A. B. (C. H. S.),	Philadelphia,	3255 Irving St.
Montgomery, B. Alembert, B. S. (Grove City),	Grove City,	Dorm. 395, O.
Moore, Edward J.,	Plymouth,	3701 Spruce St.
Muller, George Paul, A. B. (C. H. S.),	Philadelphia,	1930 Wallace St.
McAvoy, George Lawrence,	Willimantic, Conn.,	210 S. 36th St.
McKibbin, James Malcolm, B. S. (Penna. State, 1896),	Buck Valley,	436 S. 40th St.
Mattern, William K.,	Philadelphia,	1216 Allegheny Ave.
Melley, Charles Augustus,	Lansford,	32 N. 37th St.
Marshall, Alfred Cookman,	Philadelphia,	610 S. 22d St.
Niedermeier, Arthur F.,	Trenton, N. J.	
Neff, Charles Clarence,	Williamsport,	101 S. 34th St.
Newlin, Arthur, B. S. (Pennsylvania, 1895),	Secane,	Dorm. 230, U.
Newmayer, Solomon, A. B. (C. H. S.),	Philadelphia,	727 South St.
Norris, George William, A. B. (Pennsylvania),	do.	1530 Locust St.
Odell, Thomas George,	Salt Lake City, Utah,	3800 Locust St.
O'Meara, John George,	Pawtucket, R. I.,	3258 Walnut St.
Osgood, Walter Words- worth,	Chicago, Ill.,	4830 Westminster Ave.
Palmer, Loring Brainerd,	Atlanta, Ga.,	26 N. 38th St.
Palmer, Myron Botsford,	Union Hill, N. Y.,	Dorm. 362, I.
Paxson, Elmer M.,	Philadelphia,	2700 Ridge Ave.
Parker, England Ely, A. M. (Atlanta),	Freehold, N. J.,	3301 Walnut St.
Parker, Frank Clavloux,	Norristown.	
Paul, Thomas Morrison,	Philadelphia,	1420 Christian St.
Phinney, Frank Douglas, A. B. (New Brunswick, 1895),	Fredericton, N. B.,	3233 Woodland Ave.
Pike, George Lawrence,	Philadelphia,	126 S. 16th St.
Pittinger, Charles Ru Lon,	Easton,	3814 Spruce St.
Pollard, Walter Byrd,	Norfolk, Va.,	3258 Walnut St.
Pratt, Frank L., M. E.,	Mansfield,	215 S. 33d St.
Price, Henry Thompson, A. B. (Penna. State),	Allegheny,	3337 Woodland Ave.

Name.	Residence.	City Address.
Risley, J. Norman,	Philadelphia,	1722 Walnut St.
Rapp, Jesse P.,	Norristown,	3915 Baltimore Ave.
Rank, David Mummah,	East Hanover,	12 S. 34th St.
Rankin, George Thomas, Jr.,	Akron, Ohio,	Dorm. 308, A.
Ressler, John Lyte,	Mascot,	3250 Sansom St.
Ridgway, George Malvern,	Trenton, N. J.,	3704 Spruce St.
Ritchie, M. Delmar,	Harrisburg,	3617 Locust St.
Rivas, Damaso,	Victoria, Nicaragua,	3326 Walnut St.
Roberts, James Eugene,	Lambertville, N. J.,	3931 Baltimore Ave.
Rutter, Thomas Chichester,	Williamsport,	3711 Powelton Ave.
Saeger, Luther Jacob,	Allentown,	2143 Van Pelt St.
Samuel Meredith Iver,	Wilkesbarre,	3933 Baltimore Ave.
Sanders, Henry Clay, Jr.,	Claremont, N. H.,	3428 Sansom St.
A. B. (Dartmouth),		
Schrack, William Dunton,	Germantown,	248 Harvey St.
Sclerer, Louis Frederic,	Philadelphia,	3643 Locust St.
Seitz, Charles Lewis,	Evansville, Ind.,	101 S. 34th St.
Seymour, Fayette Lionelle,	Port Jervis, N. Y.,	115 S. 34th St.
Shaw, Farnham Horatio,	Wellsboro',	3423 Walnut St.
Shelmerdine, Edward Kirk-	Philadelphia,	2105 N. 13th St.
land, Jr.,		
Shifferstine, Edgar Ephraim,	Tamaqua,	3301 Walnut St.
Shaffner, John Francis, Jr.,	Salem, N. C.,	3338 Chestnut St.
B. S. (North Carolina, 1896),		
Sherrer, Harry Straub,	Bangor,	3913 Woodland Ave.
Ph. B. (Lafayette),		
Smith, Edmund Landus,	Alum Bank,	3709 Woodland Ave.
M. E. (State Normal),		
Smith, James Harvey,	Lima.	
Smith, John Fogg,	Salem, N. J.,	247 S. 15th St.
Smith, Rodney,	Saegertown,	1629 Arch St.
Smith, Archibald, Jr., B. S.	La Grange, Ga.,	109 S. 34th St.
(Georgia),		
Steel, William Albert,	Philadelphia,	1734 Park Ave.
A. B. (C. H. S., 1892); B. S.		
(Pennsylvania, 1895),		
Stith, Robert M.,	Muscataine, Iowa,	3256 Chestnut St.
Stewart, Thomas Somerville,	Philadelphia,	1031 Spruce St.
Jr.,		
Stewart, Charles Rowland,	Indiana,	3254 Chancellor Place.
Stotsenburg, James McPherson,	Philadelphia,	5135 Hadfield St.
Stroup, Asbury Charles, A. B.	do.	1231 N. 12th St.
(C. H. S.)		
Struble, Harry Beach,	Trenton, N. J.,	3704 Spruce St.
Swindells, Walton Creadick,	Philadelphia,	1827 Tioga St.
Stark, Charles Gustave,	St. Peter, Minn.,	Dorm. 281, E.
Tompkins, Erle D., B. S.	Clear Lake, Iowa,	206 S. 36th St.
(Iowa),		
Thompson, Edward Middle-	Philadelphia,	3117 Diamond St.
ton,		



Name.	Residence.	City Address.
Taylor, Robert Fletcher,	Philadelphia,	2049 Letterly St.
Templeton, Harry G.,	Plymouth,	206 S. 36th St.
Thatcher, Paxson Blakey,	Philadelphia,	3500 Hamilton St.
Thaw, James Rogers,	Milford, Del.,	3939 Locust St.
Traynor, Joseph Eugene,	Wilmington, Del.,	[615 West St.]
Troutman, George Christian,	Pottsville,	Dorm. 447, M.
Uffenheimer, Joseph Lewis,	Concord, N. H.,	3713 Woodland Ave.
Updegraff, Harry Covode,	Fort Palmer,	3254 Chancellor Place.
Uptegrove, Edward Pierson,	Middletown, N. Y.,	3320 Walnut St.
Vander Bogert, Frank, A. B.	Schenectady, N. Y.,	Dorm. 141, M.
(Union),		
Van Kirk, Herbert Spencer,	McKeesport,	261 S. 38th St.
Wareham, Arthur,	Philadelphia,	3034 Diamond St.
Warnick, Joseph S., A. B.	Frankford,	4929 Penn St., Fkd.
(C. H. S.),		
Warren, Franklin Lafayette,	Shirley, Mass.,	3471 Sansom St.
B. S. (Mass. Agri. Coll., 1895),		
Wells, Howard Priestley,	Philadelphia,	3733 Locust St.
Wharton, Charles M.,	Smyrna, Del.,	3445 Walnut St.
Wheaton, Will Aydelotte,	Chincoteague, Va.,	3933 Baltimore Ave.
A. B. (Western Md. Coll., 1893),		
Whiteway, Harold M.,	Philadelphia,	4336 Sansom St.
Wiesenberger, Theodore	S. Bethlehem,	3338 Walnut St.
Herman,		
Wilcox, Archa Edward,	Minneapolis,	Dorm. 379, M.
	Minn.,	
Williams, Amos Thomas,	Ridgway,	121 S. 34th St.
Ph. B. (Bucknell, 1896),		
Wilson, Arthur J.,	Williamsport,	3215 Powelton Ave.
Wintersteen, Thomas Beaver,	Danville,	3471 Sansom St.
Witmer, Isaac Calvin,	Pillow,	3432 Sansom St.
Wolf, Wilbert J., A. B.	Philadelphia,	3500 Frankford Ave.
(C. H. S.),		
Woodburn, Charles Ladd,	Towanda,	3328 Walnut St.
A. B. (Princeton, 1896),		
Woods, Andrew Henry, A. B.	Martinsburg,	3903 Locust St.
(Washington and Lee, 1893),	W. Va.,	
Wright, Galen Rowe,	Baltimore, Md.,	Dorm. 359, H.
Young, Frank Raymond,	Smethport,	3313 Walnut St.
B. S. (Trinity),		
Ziegler, Charles Edward,	Carlisle,	3915 Baltimore Ave.
Ph. B. (Dickinson, 1896),		
Ziegler, Samuel Mason, A. B.	Mercer,	Dorm. 502, F.
(Grove City, 1895),		

**FIRST-YEAR CLASS.**

Adams, Marcellin Cote, B. A.	Pittsburg,	Dorm. 235, I.
(Yale, 1896),		
Adams, Wilmer,	Easton, Md.,	4822 Baltimore Ave.
Aitken, John Fulton, Jr.,	Reno, Nev.,	Dorm. 301, A.

Name.	Residence.	City Address.
Allen, Francis Olcott, Jr., A. B. (Princeton, 1896),	Chestnut Hill,	416 S. 15th St.
Andress, William Russell,	Philadelphia,	2604 Ridge Ave.
Ashhurst, Astley Paston Cooper, A. B. (Pennsyl- vania, 1896),	do.	2000 W. DeLancey Pl.
Ashley, Charles,	Plymouth,	206 S. 36th St.
Asher, Joseph Mastbaum, A. B. (C. H. S., 1896),	Philadelphia,	1527 Girard Ave.
Attix, Fred Franklin,	Glenwood Springs, Col.,	3347 Woodland Ave.
Atlee, John Light, A. B. (Franklin and Marshall),	Lancaster,	Dorm 239, K.
Axford, W. Homer,	Naughtright, N. J.,	3347 Woodland Ave.
Bailey, Orville Elias Babcock,	Washington, D. C.,	3712 Walnut St.
Baldwin, Mark Elmer,	Pittsburg,	3735 Spruce St.
Ball, George K.,	Faulkland, Del.,	3347 Woodland Ave.
Banton, Conwell,	Philadelphia,	1210 Christian St.
Bare, Horace Cleveland,	do.	2030 Mt. Vernon St.
Barnard, Everett Pusey,	Collamer,	3908 Walnut St.
Benz, Ferdinand Lawrence,	Pittsburg,	3715 Spruce St.
Bishop, Franklin Lee,	Boston, Mass.,	3305 Walnut St.
Blackwood, James W.,	Haddonfield, N. J.	
Blose, Daniel Patterson,	McKeesport,	3615 Locust St.
Bly, Perry Amidon,	Rochester, N. Y.,	3600 Chestnut St.
Booth, William A.,	Philadelphia,	2303 N. 13th St.
Bolton, Alfred H., Jr.,	do.	Chew and Cheltenham Ave., Gtn.
Bowen, Frederick Colin Hugh,	Bridgetown, Bar- badoes, W. I.,	3228 Sansom St.
Boyd, J. C. Mercer,	Philadelphia,	1815 Pine St.
Brace, Robert W., A. B. (Princeton, 1896),	Blackwood, N. J.,	1823 Arch St.
Bremer, Paul F.,	Philadelphia,	1723 Spring Garden St.
Brosius, Peter Francis,	Ashland,	3471 Sansom St.
Browne, Charles, A. B. (Princeton, 1896),	Philadelphia,	1126 Spruce St.
Buchanan, Thomas Claire,	Honeybrook,	3717 Spruce St.
Burger, William John,	Rochester, N. Y.	Dorm. 426, F.
Burke, Charles Bernard,	Canandaigua, N. Y.,	3712 Walnut St.
Burns, John MacGregor,	Mansfield, Ohio,	1489 N. 52d St.
Butler, Ralph,	Philadelphia,	2133 Green St.
Butte, Harley Jones,	Ashland, Neb.,	2113 Evergreen St.
Cadwalader, William Biddle,	Fort Washington.	
Campbell, William King,	Long Branch, N. J.	31 N. 36th St.
Carpenter, Howard Childs,	Philadelphia,	1523 Locust St.
Carr, Christopher James,	Spencer, Mass.,	415 S. 40th St.
Carroll, George Gregory,	Rochester, N. Y.,	Dorm. 426, F.
Chandlee, William Herbert,	Sunnyburn,	2620 Bridge St., Bdg.
Chapin, David Raymond,	Brooklyn, N. Y.,	Dorm. 131, H.



Name.	Residence.	City Address.
Childs, William Hesser,	Jersey Shore,	3643 Locust St.
Clothier, Joseph, B. S. (C. H. S.),	Philadelphia,	2439 Cedar St.
Coca, Arthur Fernandez, A. B. (Haverford),	Wayne.	
Coffin, Jacob Morgan,	Philadelphia,	3701 Locust St.
Coleman, Thomas, A. B. (Lincoln),	Augusta, Ga.,	1730 Addison St.
Colgan, John A.,	Philadelphia,	2221 N. Broad St.
Connell, Theodore E.,	Scranton,	213 DeKalb Sq.
Conner, William Borden,	Bridgeton, N. J.,	3254 Chancellor Place.
Constien, Rudolph Adam,	Ashland,	Dorm. 387, M.
Cope, John Cozar,	Greensburg,	3615 Locust St.
Cope, Thomas Appleton,	Philadelphia,	Dormitories.
Cowdery, William Augustus,	do.	1720 DeLancey Place.
Cracraft, William Allen, Jr.,	Elm Grove, W. Va.,	3913 Woodland Ave.
Crosby, William Smythe, A. B. (C. H. S., 1895),	Philadelphia,	4001 Brown St.
Cruikshank, Omar Trees,	Wilkinsburg,	Dorm. 382, M.
Dale, Frederick Allport, B. S. (Penna. State),	Lemont,	3719 Spruce St.
Davies, David Hill,	Lansford,	205 S. 33d St.
Davis, William Nevins,	Summit Hill,	3346 Walnut St.
Dean, George Edgar,	Flemington, N. J.,	39 Preston St.
Decker, Clinton L.,	Boonton, N. J.,	
Dettre, Read Ronald,	Norristown.	
DeSilver, Joseph Francis,	Washington, D. C.,	3607 Locust St.
DeWitt, Wallace,	Fort Monroe, Va.,	Dorm. 239, K.
Dickson, John,	Broughshane, Ireland,	3347 Woodland Ave.
Dill, Wallace Wright,	Norristown.	
Dillen, Edward Treston,	Philadelphia,	802 Pine St.
Dorrance, George Morris, Jr.,	Bristol,	Dorm. 385, L.
Dorsett, Rae Shepard, B. S. (Oberlin, 1896),	Oberlin, Ohio,	126 S. 34th St.
Dougherty, John, B. S. (C. H. S.)	Philadelphia,	3625 Walnut St.
Downing, William Alex- ander,	Arlington Heights, Mass.,	4141 Parrish St.
Duckworth, Milton,	Little York, N. J.,	3320 Walnut St.
Dunn, John T.,	Philadelphia,	663 N. 33d St.
Ehrlick, Benjamin Praskor,	San José, Cal.,	38th and Market Sts.
Elliot, Arnold,	Philadelphia,	233 S. 40th St.
Elrick, Robert Black,	Harrisville,	3713 Spruce St.
Engle, Guy David,	Hazleton,	Dorm. 232, H.
Erieg, Frank Le Verne,	Williamsport,	3643 Locust St.
Ewing, William Bingham,	West Grove,	3614 Hamilton St.
Fahy, John Eugene,	Philadelphia,	1609 N. 10th St.
Fox, George Randal,	Lansdowne,	Dorm. 314, B.
Fox, Henry Landell,	Philadelphia,	2222 Spruce St.
Fischer, Herman Adam,	Wilkesbarre,	223 S. 33d St.

Name.	Residence.	City Address.
Fransioli, Harry Peter,	Memphis, Tenn.,	3606 Locust St.
Fraser, Frederick Alexander,	Providence, R. I.	3308 Woodland Ave.
French, Ralph William,	Metamora,	3256 Walnut St.
Fretz, Samuel Edward,	Sellersville,	3336 Chestnut St.
Gamez, Octavio Augusto,	Rivas, Nic.,	3337 Woodland Ave.
Garton, Walter Elwood,	Philadelphia,	240 N. 63d St.
Gerds, Frederick Henry,	Melbourne, Aus.,	3422 Sansom St.
Geale, William Francis,	Chicago, Ill.,	3338 Chestnut St.
Gibbons, Horace Doherty,	Scranton,	3259 Sansom St.
Gilbert, Frederic B., Jr.,	Philadelphia,	3414 Hamilton St.
Gilpin, Friend Bennett,	Newfoundland,	3804 Spruce St.
Gildersleeve, Nathaniel,	Brookston,	Dorm. 331, C.
Goepp, Rudolph Max,	Philadelphia,	334 S. 15th St.
Goldberg, Harold Goodman,	do.	1518 Diamond St.
Gomez, Gustavo,	Managua, Nic.,	3326 Walnut St.
Goos, Charles,	Philadelphia,	1840 E. Huntingdon St.
Gossler, Charles Evans,	do.	Torresdale.
Graf, Edmund Lewis,	do.	4813 Baltimore Ave.
Graves, Everett Amos,	Nottingham,	3267 Woodland Ave.
Greaves, John Dale,	Warren,	Dorm. 116, D.
Gucker, Joseph Crawford,	Philadelphia,	3422 Hamilton St.
Hagey, Arch Raymond,	Martinsburg,	
Haines, Edgar James,	Marlton, N. J.,	Dorm. 381, M.
Harris, Frank,	Trenton, N. J.,	[32 Fowler St.]
Harrison, Frank,	East Liverpool, O.,	3420 Sansom St.
Hawke, Wilfred W.,	Bristol.	
Heilman, Sharon Peter,	Kittanning,	3705 Woodland Ave.
A. B. (Princeton),		
Henderson, Thomas Dyer,	Pulaski, N. Y.	3425 Walnut St.
Hershey, George Bear,	Gap,	3611 Locust St.
Hesse, Herman Wm., A. B.,	Savannah, Ga.,	3613 Locust St.
Hickson, William James,	New York, N. Y.,	3703 Spruce St.
Hinrichs, August Gustav,	San Francisco, Cal.,	Dorm. 410, B.
Holland, Cecil Frank,	St. Eleanors,	3937 Pine St.
	P. E. I.	
Hooker, Richard Sydwel,	Philadelphia,	4422 Chestnut St.
Holler, Henry Godfrey,	Williamsport,	Dorm. 326, C.
Hom, Garrett Frank,	Lehighton,	3345 Woodland Ave.
Hoyt, Daniel Mansfield,	Philadelphia,	3604 Chestnut St.
B. P. (Brown, 1896),		
Husband, George Lionel,	Hamilton, Can.,	Dorm. 398, O.
Ireys, Junius Taylor,	Greenville, Miss.,	3403 Walnut St.
Irvin, Spencer Potter, Jr.,	Philadelphia,	1157 S. 19th St.
A. B. (C. H. S., 1896),		
Ives, Frederick Merwin,	New York, N. Y.,	Dorm. 412, B.
B. S. (Pennsylvania, 1888),		
C. E. (Pennsylvania, 1889),		
Iverson, James Morton,	Oxford,	Dorm. 222, E.
Jackson, William R.,	Towanda,	219 S. 33d St.
Johnson, William Sidney,	Philadelphia,	3600 Chestnut St.
Johnson, Winder L.,	Hulmeville.	

Name.	Residence.	City Address.
Jones, Russell Robins,	Pottsville,	Dorm. 208, B.
Jordan, Thos. Barnett Lewis,	Williamsport,	Dorm. 328, C.
Kayser, Charles Douglas,	New York, N. Y.	
Katzenstein, George Paul,	Milwaukee, Wis.,	Dorm. 334, C.
B. S. (Wisconsin, 1896),		
Keech, Harry Brown, A. B.	Tweedale,	3611 Locust St.
(Lincoln, 1893),		
Kelly, Howard Ignatius,	Philadelphia,	2401 N. Broad St.
A. B. (Georgetown, 1896),		
Kemp, John Hamilton,	do.	2054 South St.
Keucher, Otto Ernst Rudolf,	do.	1361 S. 46th St.
Kirby, Holder Crary,	New Bedford,	3600 Chestnut St.
	Mass.,	
Knight, C. Paul,	Clinton, N. J.,	3347 Woodland Ave.
Knorr, John K., Jr.,	Philadelphia,	1943 N. Broad St.
Krebs, John Baker,	Pine Grove Mills,	3336 Chestnut St.
Lambert, George Thomas,	Philadelphia,	330 W. Johnson St., Germantown.
Lamson, Roy Clifton,	Neosho, Mo.,	3338 Lancaster Ave.
Landenberger, John,	Rock Spring, Wyo.	
Lansing, Edgar Cuyler,	Poughkeepsie,	Dorm. 374, K.
	N. Y.,	
Lant, William James,	Lancaster,	703 N. 35th St.
Large, Charles P.,	Buckingham,	33 N. 36th St.
Law, Frederick M.,	Cleveland, Ohio,	3800 Locust St.
Leeson, Benjamin B.,	Van Wert, Ohio,	3445 Woodland Ave.
Leshner, T. Mulford,	Philadelphia,	1436 N. 18th St.
Levi, Isaac Valentine, A. B.	do.	939 Franklin St.
(C. H. S., 1896),		
Littig, John V.,	Davenport, Iowa,	114 S. 40th St.
Little, Thomas Robinson,	Little's Mills,	3338 Chestnut St.
B. S. (North Carolina, 1895),	N. C.,	
Little, William Lawson,	Shelbyville, Tenn.,	Dorm. 250, N.
Loudon, Edward Whitmer,	Altoona,	3320 Walnut St.
B. S. (Gettysburg, 1896),		
Lukens, George Thomas,	Conshohocken,	Dorm. 114, D.
A. B. (Pennsylvania, 1896),		
Lungren, Harry,	Wilmington, Del.,	[502 W. 9th St.]
Lutz, Hiram Lutz,	Thurlow.	
Lyman, Alvin Robins,	Randolph, N. Y.,	Dorm. 130, H.
Mackin, Thomas Henry,	Wilkesbarre,	3701 Spruce St.
Malone, Daniel Franey,	Shenandoah,	3340 Chestnut St.
Marcy, Virgil Maro Dow,	Camden, N. J.,	[332 Penn St.]
Marshall, Harry Sell,	Ashland,	Dorm. 387, M.
Martin, Collier F.,	Ardmore.	
Martin, William H.,	Sunbury,	3342 Walnut St.
Marvel, Henry Vernon,	Avondale,	3347 Woodland Ave.
Mason, Luther Smith, A. B.	Belfast, Me.,	24 S. 34th St.
(Bates, 1896),		
Mendenhall, Clinton Dick- inson,	Bordentown, N. J.,	Dorm. 251, O.

Name.	Residence.	City Address.
Megargee, George Lewis,	Coatesville,	3712 Walnut St.
Miller, Newton T.,	Limerick,	3342 Walnut St.
Miller, Victor Davis, Jr.,	Mason-Dixon,	Dorm. 367, K.
Mitchell, Charles Henry,	Trenton, N. J.,	[640 Centre St.]
Mitchell, Henry Arthur,	Elkton, Md.,	3704 Spruce St.
Möllman, Rudolph Clarence,	Philadelphia,	6123 Green St., Gtn.
Mossman, Beriah E., Jr.,	Greenville,	Dorm. 218, E.
Mott, Chester,	Viola, Iowa,	3947 Baltimore Ave.
Müller, William Kolce,	Philadelphia,	5429 Green St., Gtn.
Munson, Francis Merton,	New Castle, Del.,	Dorm. 373, K.
Jr.,		
Myers, Hewitt Clyde,	Pine Grove Mills,	3336 Chestnut St.
McCaffrey, Watson,	Philadelphia,	4104 Locust St.
McCool, Joseph Lettelle,	Pottsville,	Dorm. 304, A.
McCloskey, John Francis,	Philadelphia,	Chestnut Hill.
McCreight, Charles,	do.	1358 Marlboro St.
McDevitt, Charles Howard,	do.	239 Centre St., Gtn.
McDevitt, Daniel,	do.	2132 Mt. Vernon St.
McGill, Frank J.,	do.	2457 N. Broad St.
McGlinn, John Aloysius,	do.	2204 Fairmount Ave.
A. B. (C. H. S.),		
McGuire, James Joseph,	Trenton, N. J.,	109 S. 13th St.
McVean, Charles Homer,	York, N. Y.	
Neiman, George W.,	St. Clair,	3445 Woodland Ave.
Newhall, Avery Lester,	Peabody, Mass.,	Dorm. 307, A.
Nichols, William,	Philadelphia,	2115 Bainbridge St.
Norman, Edward Maull,	Lewes, Del.,	3743 Spruce St.
Oestereicher, Edward Col-	Bethlehem,	3241 Sansom St.
lins,		
Oestrich, Henry Nicholas,	St. Clair,	129 S. 36th St.
O'Connor, Roderic,	Philadelphia,	5017 Woodland Ave.
O'Hara, Arthur Sylvester,	Shenandoah,	3340 Chestnut St.
Ohlman, Isaac Loeb, A. B.	Meadville,	3435 Walnut St.
(Allegheny),		
O'Reilly, Charles Aloysius,	Reading,	Dorm. 234, I.
Outland, John Henry,	Glen Elder, Kan.,	3423 Walnut St.
Paul, Frederick Marshall,	East Orange, N. J.,	1126 Spruce St.
A. B. (Princeton, 1896),		
Pearson, John Erasmus,	Louisiana, Mo.,	120 S. 33d St.
Pechner, Marvin,	New York, N. Y.,	3643 Locust St.
Pfahler, James Frederick,	Catawissa,	124 S. 36th St.
Phalan, Joseph Maurice,	Philadelphia,	1402 American St.
Pitman, Joseph Livingston,	Frankford,	Frankford Arsenal.
Pratt, James Guy,	Fulton, N. Y.,	Dorm. 216.
Pratt, William Beach,	Elmira, N. Y.	3934 Sansom St.
Price, Charles Will,	Edwardsdale,	50 N. 34th St.
Purnell, Harry Selby,	Berlin, Md.,	25 S. 34th St.
Raunick, John Martin Julius,	Steelton,	3432 Sansom St.
Reich, George R.,	Marietta,	3328 Walnut St.
Renninger, Abner Ruther-	Harrisburg,	15 Saunders Ave.
ford,		



Name.	Residence.	City Address.
Reynolds, Arthur Archibald,	Scranton,	3615 Locust St.
Rhoads, Joseph Edward, Jr.,	Harrisburg,	Dorm. 211, C.
Rice, Fred,	Gordon,	Dorm. 383, M.
Richards, Emrys,	Wilkesbarre,	27 N. 34th St.
Richards, Francis Palmer,	Belvidere, N. J.,	Dorm. 386, M.
Riggin, Levi Lore Ph. B. (Bucknell),	Port Norris, N. J.,	3354 Chancellor Place.
Robinson, Edwin Taylor,	Philadelphia,	Dorm. 332, C.
Rosenthal, Samuel Hendricks,	Albany, N. Y.,	Dorm. 253, O.
Ross, Alexander Scanlin, A. B. (C. H. S.),	Philadelphia,	1620 Diamond St.
Russell, Edward Wright,	Fleming,	33 N. 36th St.
Sandt, Frank Raymond,	Easton,	3737 Sansom St.
Saunders, John,	Wilmington, Del.	
Scammell, Frank G.,	Trenton, N. J.,	3328 Walnut St.
Schwartz, George Jacob,	Jenkintown.	
Seely, Frank Edmond,	Jersey Shore,	3643 Locust St.
Shellenberger, Edward Burgin,	Germantown,	5505 Germant'n Ave.
Shields, William Grant, Jr.,	Germantown,	412 School Lane.
Shoemaker, Albert Moore,	Phoenixville.	
Shupp, Eugene Austin,	Brodheadsville,	12 S. 34th St.
Siggins, John Charles,	Philadelphia,	726 N. 8th St.
Singer, Benjamin Louis,	Carbondale,	3318 Woodland Ave.
Singer, John Johnston,	Connellsville,	3619 Locust St.
Skelton, John William,	Philadelphia,	2514 Richmond St.
Sleichter, Charles Henry, B. S. (Lebanon Valley, 1896),	Scotland,	3261 Chancellor Place.
Smart, John Leo,	Philadelphia,	2207 Pine St.
Smith, Daniel Stires,	Clinton, N. J.,	115 S. 34th St.
Smith, Ernest B.,	Philadelphia,	806 N. Broad St.
Smith, Kirk Edward,	do.	116 S. 33d St.
Smyser, Harry David,	York,	4041 Green St.
Snow, Morton McCulloch,	Topeka, Kan.,	3617 Locust St.
Staab, Edward Adolph, A. B. (Swarthmore, 1894), A. B. (Harvard, 1896),	Santa Fé, N. M.,	3704 Spruce St.
Steinhart, Lewis Philip, B. S. (C. H. S., 1896),	Philadelphia,	616 South St.
Stephenson, George Albert,	Marietta, Wis.,	3712 Walnut St.
Stiles, Francis Augustus,	Fulton, N. Y.,	Dorm. 142, M.
Stiltz, Daniel Dorey,	Williamsport,	3320 Walnut St.
Stites, Thomas Henry Atherton, A. B. (Princeton),	Wyoming,	3803 Ludlow St.
Stricker, William Bruce,	Catawissa,	124 S. 36th St.
Suarez, Camilo Alberto,	Cucuta, U. S. Col.,	Dorm. 385, M.
Sulouff, Samuel Henry,	Patterson,	1237 S. Broad St.
Swallow, Frank L.,	Lambertville, N. J.,	114 S. 33d St.
Sweazey, Virge Eugene, B. E. (State Normal School),	Savinsville,	3423 Walnut St.

Name.	Residence.	City Address.
Tagg, Oscar,	Philadelphia,	717 Fairmount Ave.
Taylor, Frank,	Hazleton,	Dorm. 390, M.
Taylor, John Martin, B. S. C. E. (Missouri, 1882),	Blackburn, Mo.,	Dorm. 319, B.
Thackara, William McLellan,	Philadelphia,	West Walnut Lane, Germantown,
Thomas, Edwin Wilber,	Ogdensburg, N. Y.,	3615 Locust St.
Thompson, Percy Beecher,	Long Branch, N. J.,	31 N. 36th St.
Tierney, Michael Frank,	Shenandoah,	3445 Woodland Ave.
Tindall, Morris Hancock,	Philadelphia,	1417 N. 16th St.
Torian, Oscar Noel, A. B. (Univ. of the South),	Evansville, Ind.,	3346 Walnut St.
Urquhart, William M.,	Bradford,	3330 Walnut St.
Walker, Claude William,	Scranton,	3445 Walnut St.
Walker, John Keasby,	Philadelphia,	1632 Spruce St.
Walker, Warren,	do.	1632 Spruce St.
Walp, George Bush,	do.	1529 Columbia Ave.
Walters, Francis Joseph,	Laurel Springs, N. J.,	704 S. 4th St.
Wampole, Henry S.,	Philadelphia,	2152 N. 12th St.
Warwick, Charles F., Jr.,	do.	1925 Spring Garden St.
Watt, James,	Brooklyn, N. Y.,	261 S. 38th St.
Webster, Daniel,	Philadelphia,	2990 E. Thompson St.
Weinberg, Herman,	Youngstown, O.,	3445 Woodland Ave.
Wentz, Perry,	Drifton,	Dorm. 246, M.
West, Hayden Austin,	Camden, N. J.,	[101 N. 7th St.]
Wheeler, William Bradley,	Westport, Conn.,	Dorm. 369, A.
Widmyer, John Lawrence,	Philadelphia,	2033 Spring Garden St.
Wiedemann, Frank Highley,	do.	2148 Green St.
Williams, Hiram Tobias,	do.	1233 Pine St.
Williams, Richard Perry,	East Boston, Mass.,	123 S. 34th St.
Winsor, Henry,	Haverford,	3537 Locust St.
Wanner, Charles A.,	Fleetwood,	12 S. 34th St.
Zeitz, Arthur Clemens,	Sydney, Aus.,	3304 Woodland Ave.

## SPECIAL STUDENT.

Engeman, John T.,	Brooklyn, N. Y.,	Dorm. 137, K.
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## SUMMARY.

Students of the Fourth-year Class, . . . . .	149
Students of the Third-year Class, . . . . .	241
Students of the Second-year Class, . . . . .	250
Students of the First-year Class, . . . . .	285
Special Student, . . . . .	I

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 Total, 926



## SUMMARY BY STATES.

Alabama . . . . .	1	Maine . . . . .	6	Oregon . . . . .	1
Australia . . . . .	3	Maryland . . . . .	7	Pennsylvania . . . . .	570
Austria . . . . .	1	Massachusetts . . . . .	21	Prince Edward	
Barbadoes . . . . .	1	Mexico . . . . .	1	Island . . . . .	1
Brazil . . . . .	1	Michigan . . . . .	4	Puerto Rico . . . . .	1
California . . . . .	8	Minnesota . . . . .	2	Rhode Island . . . . .	7
Canada . . . . .	2	Mississippi . . . . .	2	South Carolina . . . . .	1
Colorado . . . . .	2	Missouri . . . . .	5	Tennessee . . . . .	7
Connecticut . . . . .	7	Nebraska . . . . .	4	Texas . . . . .	5
Cuba . . . . .	1	Nevada . . . . .	1	United States of	
Delaware . . . . .	20	New Brunswick . . . . .	3	Colombia . . . . .	1
Dist. of Columbia . . . . .	4	New Hampshire . . . . .	2	Utah . . . . .	1
Florida . . . . .	2	New Jersey . . . . .	72	Vermont . . . . .	2
Georgia . . . . .	8	New Mexico . . . . .	1	Virginia . . . . .	3
Germany . . . . .	1	New York . . . . .	47	West Indies . . . . .	1
Illinois . . . . .	7	Nicaragua . . . . .	4	West Virginia . . . . .	7
Indiana . . . . .	8	North Carolina . . . . .	7	Wisconsin . . . . .	12
Iowa . . . . .	10	North Dakota . . . . .	1	Wyoming . . . . .	1
Ireland . . . . .	1	Nova Scotia . . . . .	1		
Kansas . . . . .	8	Ohio . . . . .	18	Total . . . . .	926

## ORGANIZATION OF THE MEDICAL SCHOOL.

This venerable Institution, the oldest Medical School in the United States, was founded in 1765 by Dr. JOHN MORGAN, who filled in it the first medical professorship created in America. In his opening "Discourse upon the Institution of Medical Schools in America," delivered in the College of Philadelphia, May 30, 1765, Dr. MORGAN uttered these prophetic words: "Perhaps this medical institution, the first of its kind in America, though small in its beginning, may receive a constant increase of strength, and annually exert new vigor. It may collect a number of young persons, of more than ordinary abilities, and so improve their knowledge as to spread its reputation to distant parts. By sending these abroad duly qualified, or by exciting an emulation amongst men of parts and literature, it may give birth to other useful institutions of a similar nature, or occasional rise, by its example, to numerous societies of different kinds, calculated to spread the light of knowledge through the whole American continent, wherever inhabited." Through Dr. MORGAN, the pupil of HUNTER in London and of CULLEN in Edinburgh, the graduates of this school take a just pride in regarding it as the lineal descendant of the best medical schools of Great Britain in the last century. To Dr. MORGAN was soon joined another pupil of CULLEN, Dr. WILLIAM SHIPPEN, as Professor of Anatomy and Surgery, thus forming another tie of relationship to the celebrated University of Edinburgh, whose methods of instruction were substantially adopted here. In the next year Dr. ADAM KUHN was added as Professor of Botany and Materia Medica; and in June, 1768, a "Commencement was held," at which medical honors were bestowed, the first in point of time in America. In 1769, Dr. BENJAMIN RUSH was elected Professor of Chemistry, and Dr. THOMAS BOND, Professor of Clinical Medicine.

To the faculty thus composed of MORGAN, SHIPPEN, KUHN, RUSH and BOND, have succeeded, at various times, professors whose reputation has been national, such as BARTON, WISTAR, CHAPMAN, PHYSICK, DEWEES, HORNER, HARE, GIBSON, JACKSON, GEORGE B. WOOD, HODGE, JAMES B. ROGERS, CARSON, the elder PEPPER, FRANCIS GURNEY SMITH, NEILL, HENRY H. SMITH, LEIDY, D. HAYES AGNEW, and GOODELL.

The number of graduates of the Department of Medicine is 11,480.

## ADMISSION.

**A.** Any candidate who may have received a degree in Arts or Science from a college recognized by this University will be admitted without examination. Students who have satisfactorily pursued the two-year course in Biology of this University will be exempt from the entrance examination; and UNTIL 1899 any candidate who has passed the entrance examination of a recognized college, or is a graduate of a recognized normal or high school, or academy of equal rank, may enter without examination.

Examinations for admission in 1897 will be held in Medical Hall, Tuesday, June 15, at 10 A. M., and Tuesday, September 28, at 10 A. M.\*  
**1897.**

**B.** Candidates for admission to the first-year class in 1897 who do not possess the qualifications specified in paragraph **A** will be required to pass examinations in the following studies:

ENGLISH.—(A) Grammar.

(B) Reading and Composition, Shakespeare's *Merchant of Venice*, and Longfellow's *Evangeline*. A short essay, correct in spelling, punctuation and grammar, on a subject chosen from one of these works, will be required.

HISTORY.—United States. (As in Eggleston's *History of the United States*.)

GEOGRAPHY.—Of the World.

MATHEMATICS.—(A) Arithmetic, including use of logarithms.

(B) Algebra to quadratic equations.

PHYSICS.—As in Carhart & Chute's or Gage's *Elements of Physics*.

LATIN.—(A) Grammar.

(B) First two books of Cæsar's *Gallic War*.

*In place of Latin, Plane Geometry may be offered.*

**1898.**

**C.** Candidates for admission to the first-year class in 1898 who do not possess the qualifications specified in paragraph **A** will be required to pass examinations in the following studies:

ENGLISH.—(A) Grammar.

(B) Reading and Composition: Shakespeare's *Merchant of Venice*, Milton's *Comus* and *Lycidas*, Longfellow's *Evangeline*, and Macaulay's *Essays on Milton and Addison*.

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\*Examinations for admission will also be held annually during the last week in June in Rochester, N. Y., Boston, Mass., Atlanta, Ga., Mobile, Ala., Duluth, Minn., Detroit, Mich., St. Louis, Mo., St. Paul, Minn., San Francisco, Cal., Galveston, Tex., Auburn, N. Y., Danville, Va., Knoxville, Tenn., Charlottetown, Prince Edward Island, Fredericton, New Brunswick. The names of the examiners will be found on page 19.

HISTORY.—United States. (As in Eggleston's *History of the United States*.)

GEOGRAPHY.—Of the World.

MATHEMATICS.—(A) Arithmetic, including use of logarithms.

(B) Algebra through quadratic equations.

(C) Plane Geometry.

PHYSICS.—As in Carhart & Chute's or Gage's *Elements of Physics*.

LATIN.—First four books of Cæsar's *Gallic War*; or

FRENCH.—Three hundred pages of contemporary prose; or

GERMAN.—Two hundred pages of contemporary prose.

*In place of the language, Solid Geometry may be offered.*

## 1899.

D. Candidates for admission to the first-year class in 1899 will be required to pass examinations in the following subjects (which are the subjects at present required for entrance to the Freshman Class in the College of this University).

ENGLISH.—(A) Grammar.

- (B) (1) Shakespeare's *Merchant of Venice*. (2) *Twelfth Night*.  
 (3) Milton's *L'Allegro, Il Penseroso*. (4) *Comus* and *Lycidas*. (5) Longfellow's *Evangeline*. (6) The Sir Roger de Coverley Papers in the *Spectator*. (7) Macaulay's *Essays on Milton and Addison*, (8) Webster's first *Bunker Hill Oration*. (9) Irving's *Sketch Book*. (10) Scott's *The Abbot*.

For numbers 2, 4 and 5 of the above may be substituted three of the following:

Darwin, *Origin of Species*.

Huxley, *Physiography; an Introduction to the Study of Nature*.

Tyndall, *Heat as a Mode of Motion*.

George Eliot, *Middlemarch*.

HISTORY.—(A) History of the United States. (As in Eggleston's *History of the United States*.)

(B) Greek and Roman.

MATHEMATICS.—(A) Arithmetic.

(B) Algebra (including factoring, fractions, simple equations and simultaneous equations of the first degree).

(C) Algebra (to the end of quadratic equations, including ratio, proportion, arithmetical and geometrical progression, surds and imaginaries),

(D) Plane Geometry.

Additional examinations required:

Either I:—

- GREEK.—(A) Greek Grammar.  
 (B) Greek Prose Composition.  
 (C) Xenophon (first four books of the *Anabasis*).  
 (D) Homer (first three books of the *Iliad*, with the prosody).

- LATIN.—(A) Latin Grammar.  
 (B) Latin Prose Composition.  
 (C) Cæsar (first four books of the *Gallic War*).  
 (D) Vergil (first six books of the *Æneid*, with the prosody).  
 (E) Cicero (six orations, including the four against Catiline).

Or II:—

LATIN.—[A, B, C and D' (first *three* books of *Æneid*, with prosody)].

FRENCH.—(A) A thorough knowledge of elementary grammar.  
 (B) 300 pages of contemporary prose.

GERMAN.—(A) Collar-Eysenbach's *German Lessons*.  
 (B) 300 pages of contemporary prose.

*Two* of these languages, and Solid Geometry *or* Physics.

OR, *One* of these languages, and Solid Geometry *and* Physics.

In addition to the requirements for entrance in 1899, it is earnestly recommended that young men, before entering upon the study of Medicine at this University, should have previously taken the degree either of A. B. or B. S. at some college or university where the standard is equivalent to that of the University of Pennsylvania. Should this be impracticable, two years' time should be devoted to the study of the following branches: chemistry or biology, with laboratory work in each amounting to six hours a week for eight months in each year; mammalian and human anatomy; histology and physiology, including the practical use of the microscope and culture methods in bacteriology. Free hand drawing is also an important preliminary study. Attention is called to the two-year course in Biology preparatory to Medicine given in the College of this University, as indicating the character and amount of studies required.

Candidates for admission to the first-year class who present evidence in writing of having had a course in chemistry, and of having performed laboratory work equivalent to that required during the first year in this school, will be permitted, on examination, to omit the chemistry of the first year and to pursue the chemistry and laboratory work of the second year, during the first year of their Medical course.



College graduates in Arts or Science who, during their college course, have devoted to the study of the branches named below the number of hours stated, are admitted to the second year of the Medical course without an entrance examination.\* These studies may have been pursued during any period of a college course leading to a degree. Students entering under these conditions are required during their first session in the Department of Medicine to take instruction in *Materia Medica* and *Pharmacy*, and to pass examinations in these branches by the end of the session. (At the end of the second year of the Medical course they will be examined in the entire subjects of *Anatomy* and *Physiology*.)

General Biology . . . . .	96 hours.	Histology . . . . .	72 hours.
Mammalian Anatomy . . . . .	96 "	Human Anatomy . . . . .	144 "
Botany . . . . .	96 "	Physiology . . . . .	72 "
Chemistry . . . . .	216 "	Zoölogy . . . . .	96 "
Physics . . . . .	72 "	Embryology . . . . .	48 "

Students who have attended one course in a recognized medical school (not Homœopathic or Eclectic) are admitted to the second year of the University course, upon passing a satisfactory examination in *General Chemistry*, *Materia Medica* and *Pharmacy*, *Elementary Anatomy with especial reference to Histology*, *Osteology* and *Myology*, *Physiology, excepting the Nervous System*, and in the elements of *General Pathology*. Students who have attended two courses in a recognized regular medical school are admitted to the third-year class upon passing a satisfactory examination in *General and Medical Chemistry*, *Materia Medica* and *Pharmacy*, the elements of *General Pathology*, and the entire subjects of *Anatomy* and *Physiology*. Students who have attended three courses in a recognized regular medical school are admitted to the fourth-year class upon passing a satisfactory examination in *General and Medical Chemistry*, *Materia Medica* and *Pharmacy*, the elements of *General Pathology*, the entire subjects of *Anatomy* and *Physiology*, *Applied Anatomy*, *General and Special Pathological Anatomy*, *Therapeutics*, *Surgery*, and *Obstetrics*. Graduates of recognized regular medical schools, in which four years attendance upon instruction is required to obtain the degree in Medicine, are admitted to the fourth-year class with the understanding that they pass examinations in *Obstetrics*, *Therapeutics* and in *Pathology*, either at the beginning or at the end of the fourth year, in addition to the regular examinations of that year. Examinations in these subjects

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\* Blanks covering the requirements may be obtained of the Dean.



which may have been passed at other colleges or universities will not be accepted in lieu of the foregoing requirements. Candidates for admission to advanced standing who have not received a collegiate degree, or passed the matriculate examination of a recognized college, or who have not been graduated from a recognized normal or high school, or academy, will be required to pass the examination required of candidates for admission to the first-year class, in addition to the examinations in the subjects named above.

Examinations for admission to advanced standing for the session 1897-98 will be held in Medical Hall on Monday, September 27, at 10 A. M.\*

### COURSE OF STUDY.

The course of instruction extends over four years, with one session beginning the first of October (or the second, if the first fall on Sunday) and ending on the second Wednesday in June in each year.

The **FIRST YEAR** is largely occupied with work in the various laboratories of Chemistry, Pharmacy, Osteology and Histology, and in Dissection. The first-year student may also attend clinical lectures in General Medicine and General Surgery. In the **SECOND YEAR**, in addition to didactic and clinical teaching, practical instruction is given in Medical Chemistry, Pathological Histology, Practical Bacteriology and Physical Diagnosis. Dissection is continued. Throughout the **SECOND, THIRD** and **FOURTH** years, the student is required to attend the general medical and surgical clinics at the University and Philadelphia Hospitals; and during the **THIRD** and **FOURTH** years the clinics in special departments at the former. Special bedside instruction in Clinical Medicine, including Physical Diagnosis, and in Clinical Surgery, is given in the third year. During the **FOURTH** year, in addition to special bedside instruction in Clinical Medicine, in Clinical Surgery, and in Gynæcology, practical instruction is given in Operative Surgery and Operative Obstetrics. For the foregoing purpose, the **THIRD-** and **FOURTH-year** classes are divided into sections, each of which receives direct personal instruction.

At the beginning of the fourth year, each member of the fourth-year class will be required to select from the following elective branches, one major or two minor branches, and pursue the study of the branch or branches as special studies. Major Electives: Nervous

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\* Students from other colleges admitted to the second-year class, who have not had instruction in Practical Normal Histology, will be required to make up such deficiency by taking a special course. Students admitted to the third-year class will be required to make up deficiencies in Practical Normal Histology, and in Practical Pathological Histology.

Diseases and Electro-Therapeutics, Skin Diseases, Advanced Hygiene (including Bacteriology), Laryngology and Rhinology. Minor Electives: Orthopædic Surgery, Ophthalmology (including Ophthalmoscopy), Otology, Genito-Urinary Surgery, Advanced Anatomy, Advanced Physiology, Advanced Pathology, Advanced Medical Chemistry (including Toxicology), Pædiatrics, Experimental Psychology, Medical Jurisprudence. At the end of the fourth year the student will be examined in the special branch or branches selected in addition to the regular examinations of that year.

The course of instruction is so arranged as to permit the constant introduction of new material, while retaining the repetition of essential subjects aimed at by the older method. The laboratory instruction is so co-ordinated with the oral teaching as to illustrate the subjects of the lectures.

Advanced students are encouraged to make original researches in the laboratories of Pharmacy, Chemistry, Physiology, Pathology and Experimental Therapeutics.

Students of the Department of Medicine may attend, without additional charge, the lectures and recitations in any other department of the University. This privilege can be obtained only by the student presenting letters from the Dean of the Medical Faculty to the Dean of any other faculty, endorsing his application.

## OUTLINE OF THE COURSE.

### FIRST YEAR.

*Anatomy*.—Four lectures per week, ten hours dissection, including Osteology (alternating with practical Histology).\*

*Histology*.—Two hours per week laboratory instruction, with occasional demonstrations.

*Materia Medica and Pharmacy*.—One lecture per week before February 1. Two lectures per week after February 1, two hours per week laboratory.

*General Chemistry, including Chemical Physics*.—Two lectures per week, three hours per week laboratory.

*Physiology*.—Four lectures per week.

*General Pathology*.—One lecture per week.

*History of Medicine, Medical Terminology, Ethics, etc.*—One lecture per week, before February 1.

*Physical Diagnosis*.—One lecture per week.

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\*In the distribution of anatomical material at the beginning of the session, students of the second-year class are first supplied, and students of the first-year class may not receive material until about December 1.

*General Symptomatology and Diagnosis.*—One lecture per week.

*Bandaging.*—One lecture per week, one hour per week practice before December 15.

*Demonstrations in Physiology.*—Two hours per week.

*General Clinics.*—Medical and Surgical.

Final examinations at the end of the first year: General Chemistry, Elementary Anatomy (with special reference to Histology, Osteology and Myology), Physiology (except the Nervous System), Materia Medica and Pharmacy, and Elements of General Pathology.

## SECOND YEAR.

*Anatomy.*—Two lectures per week, ten hours evening dissection.

*Medical Chemistry.*—One lecture per week, three hours per week laboratory.

*Physiology.*—Two lectures per week.

*General Pathology and Morbid Anatomy.*—Two lectures per week, nine hours per week laboratory. Each class section eight weeks.

*Physical Diagnosis.*—One hour per week demonstration. Each class section eight weeks.

*Therapeutics.*—Two lectures per week.

*Surgery.*—Three lectures per week.

*Obstetrics.*—Two lectures per week.

*General Clinics, Medical and Surgical,* including Philadelphia and Pennsylvania Hospital clinics.

*Practical Bacteriology.*—Five hours per week laboratory. Each class section three weeks.

*Demonstrations in Physiology.*—Two hours per week.

*Special Clinics.*—(Nervous Diseases, Gynæcology, Diseases of Skin, Eye, Ear, alternating with practical work in Physical Diagnosis and in Pathological Histology.)

Final examinations at the end of the second year: Medical Chemistry, Anatomy (including Embryology), Physiology, and Physical Diagnosis.

## THIRD YEAR.

*Applied Anatomy.*—Two lectures per week.

*General Pathology and Morbid Anatomy.*—Two lectures per week.

*Bacteriology.*—One lecture per week.

*Demonstrations in Morbid Anatomy including Autopsies.*—Two hours per week.

*Therapeutics.*—Two lectures per week.

*Theory and Practice of Medicine.*—Three lectures per week.

*Clinical Medicine.*—Two clinical lectures per week, one hour per week bedside instruction, including Physical Diagnosis.\*

*Surgery.*—Three lectures per week.

*Clinical Surgery.*—One clinical lecture per week, one hour per week bedside instruction.†

*Minor Surgery and Fracture Dressings.*—One lecture per week before February 1. One hour per week practice, before February 1.

*Obstetrics.*†—Three lectures per week.

*Gynæcology.*—One didactic lecture per week.

*Skin Diseases.*—One didactic lecture per week before February 1. One hour per week clinical lecture.

*Otology.*—One didactic lecture per week before February 1. One hour per week clinical lecture.

*Laryngology.*—One didactic lecture per week after February 1.

*Genito-Urinary Diseases.*—One hour per week after February 1.

*General Clinics, Medical and Surgical,* including Philadelphia and Pennsylvania Hospital clinics.

*Special Clinics* (Nervous Diseases, Pædiatrics, Gynæcology, Diseases of the Skin, Eye, Ear at both University and Philadelphia Hospitals).

Final examinations at the end of the third year : Applied Anatomy, General and Special Pathological Anatomy, Therapeutics, Surgery, and Obstetrics.

#### FOURTH YEAR.

*Theory and Practice of Medicine.*—Three lectures per week.

*Clinical Conference in Medicine.*—One hour per week.

*Clinical Medicine.*—Two clinical lectures per week, one hour per week bedside instruction.

*Laryngology and Rhinology.*—One didactic lecture per week after February 1.

*Clinical Surgery.*—Two clinical lectures per week, one hour per week bedside instruction.

*Operative Surgery.*—One lecture per week after February 1, three hours practical instruction after February 1.

\* For these courses the class is divided into sections, so that each student will receive direct personal instruction.

† Students also receive individual practical instruction in pelvimetry and abdominal palpation, in addition to the lectures on Obstetrics.



*Operative Obstetrics*.—One hour per week practical instruction.

*Nervous Diseases and Electro-Therapeutics*.—One clinical lecture per week.

*Hygiene*.—One lecture per week.

*Gynæcology*.—One didactic lecture per week, one clinical lecture per week, one hour per week practical instruction.

*Pædiatrics*.—One clinical lecture per week before February 1.

*Skin Diseases*.—One didactic lecture per week before February 1, one clinical lecture per week throughout the year.

*Genito-Urinary Diseases*.—One hour per week after February 1.

*Otology*.—One didactic lecture per week before February 1, one clinical lecture per week throughout the year.

*Ophthalmology*.—One didactic lecture per week, one hour per week clinical lecture.

*Autopsies*.—One hour per week practical instruction.

*Clinical and Operative Obstetrics*.—One hour per week practical instruction.

*Orthopædic Surgery*.—One clinical and didactic lecture per week.

*General Clinics, Medical and Surgical*, including Philadelphia and Pennsylvania Hospital clinics.

#### CLINICAL, ELECTIVES.

*Nervous Diseases and Electro-Therapeutics*.—Two hours per week practical instruction for at least one-half the session.

*Skin Diseases*.—Two hours per week practical instruction, for at least one-half the session.

*Laryngology and Rhinology*.—Two hours per week practical instruction for at least one-half the session.

*Otology*.—One hour per week practical instruction, for at least one-half the session.

*Ophthalmology, including Ophthalmoscopy*.—One hour per week practical instruction for at least one-half the session.

*Orthopædic Surgery*.—One hour per week practical instruction for at least one-half the session.

*Genito-Urinary Surgery*.—One hour per week practical instruction for at least one-half the session.

*Pædiatrics*.—One hour per week practical instruction for at least one-half the session.

Final examination in Skin Diseases will be held about February 1. Final examinations at the end of the fourth year: Theory and Practice of Medicine, Clinical Medicine, Operative Surgery, Clinical



Surgery, Operative Obstetrics, Gynæcology, Hygiene, Ophthalmology, and Practical Gynæcology. The examinations include questions on Diseases of the Ear, Children's Diseases, and Neurology, from lists furnished by the Clinical Professors of those branches. In addition, the student will be examined in one of the following major electives, or two of the minor electives, which he must have elected as a special study or studies at the beginning of the fourth year. Major electives: Nervous Diseases and Electro-Therapeutics, Skin Diseases, Advanced Hygiene (including Bacteriology), Laryngology, and Rhinology. Minor electives: Orthopædic Surgery, Ophthalmology (including Ophthalmoscopy), Otology, Genito-Urinary Surgery, Advanced Anatomy, Advanced Physiology, Advanced Pathology, Advanced Medical Chemistry (including Toxicology), Pædiatrics, Experimental Psychology, Medical Jurisprudence.

### TEXT-BOOKS.

#### FIRST YEAR.

##### Text-Books.

*Chemistry:* Richter's Inorganic Chemistry; Fownes' Chemistry; Medicus' Qualitative Analysis. (Fourth edition.)

*Anatomy:* Leidy; Piersol's Normal Histology.

*Physiology:* American Text-book of Physiology, or Foster.

*Pathology:*

*Physical Diagnosis:* Tyson.

*Materia Medica:* H. C Wood; Mann on Prescription Writing.

##### Collateral Reading.

Wurtz's Elements of Modern Chemistry.

Gray; Morris; Stöhr's Histology.

Abbott's Principles of Bacteriology; Leidy's Anatomy; Foster's Physiology.

Wood and Bache's Dispensatory.

#### SECOND AND THIRD YEARS.

*Medical Chemistry:* Marshall's Second-year Notes; Greene; Tyson's Practical Examination of Urine; Marshall and Smith's Analysis of Urine.

Wormley's Micro-chemistry of Poisons, 2d edition; Remsen's Organic Chemistry.

*Anatomy:* Leidy.

Gray; Morris; Quain; Foster and Balfour's Elements of Embryology.

## Text-Books.

## Collateral Reading.

*Physiology:* American Text-book of Physiology, or Foster.

*General Pathology and Morbid Anatomy:* Ziegler; Woodhead's Practical Pathology; Abbott's Principles of Bacteriology.

*Therapeutics:* H. C. Wood.

*Surgery:* Ashhurst's Principles and Practice of Surgery; Agnew's Surgery.

*Clinical Surgery:* An American Text-book of Surgery; Agnew's Surgery.

*Obstetrics:* The American Text-book of Obstetrics.

*Physical Diagnosis:* Tyson.

*Skin Diseases:* Duhring; Crocker; Hyde.

Cohnheim's Lectures on General Pathology; Pepper's System of Practical Medicine by American Authors; Sternberg's Manual of Bacteriology; Halliburton's Chemical Physiology and Pathology.

Wood and Bache's Dispensatory.

Ashhurst's International Encyclopædia of Surgery; Wharton's Minor Surgery and Bandaging; Davis on Bandaging; Young's Orthopædic Surgery.

Treves' Operative Surgery; Martin's Essentials of Surgery and Bandaging.

Hirst's System of Obstetrics; Lusk's Midwifery; Barnes' Obstetrics.

## THIRD AND FOURTH YEARS.

*Practice of Medicine:* A Text-book of Medicine, edited by Pepper; Osler; Strümpel. Musser's Medical Diagnosis.

*Clinical Medicine:* Tyson's Text-book of Medicine.

*Surgery:* Ashhurst's Principles and Practice of Surgery; Agnew's Surgery.

*Clinical Surgery:* An American Text-book of Surgery; Agnew's Surgery.

Pepper's System of Practical Medicine; Stillé & Maisch's Dispensatory; Tyson on Bright's Disease and Diabetes; Seiler's Diseases of Throat and Nose.

Ashhurst's International Encyclopædia of Surgery; Wharton's Minor Surgery and Bandaging; Davis on Bandaging; Young's Orthopædic Surgery.

Treves' Operative Surgery; Martin's Essentials of Surgery and Bandaging.

## Text-Books.

## Collateral Reading.

*Obstetrics:* The American Text-book of Obstetrics. Hirst's System of Obstetrics; Lusk's Midwifery; Barnes' Obstetrics.

*Gynæcology:* Goodell's Lessons in Gynæcology; Hart and Barbour's Manual of Gynæcology. Thomas' on Diseases of Women; Emmet's Gynæcology; An American Text-book of Gynæcology.

*Diseases of Children:* Ashby and Wright. American Text-book of the Diseases of Children; Keating's Cyclopædia of Diseases of Children; Rotch's Pædiatrics.

*Medical Jurisprudence:*

*Skin Diseases:* Duhring; Crocker; Hyde. Taylor's Medical Jurisprudence.

*Ophthalmology:* Norris and Oliver's Text-book of Diseases of the Eye.

*Hygiene:* Parke's Practical Hygiene (last edition by Notter). Billings' Ventilation and Heating; Abbott's Principles of Bacteriology.

## ORDER OF LECTURES, DAILY.—FIRST YEAR.—1896-7.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9 A. M.						
10 A. M.	Wormley. Gen. Chemistry.	Wormley. Gen. Chemistry.	Chem. Laboratory, three hours.	Mitchell. Gen. Symp., Diag.	Miller Materia Medica.	Dissection, or Phila. or Penna Hospital Clinics
11 A. M.	Daland. Phys. Diagnosis. <sup>†</sup>	Harte. Osteol., Syndes'm.		Guiteras. Gen. Pathology.	Med. History, Terminology, Ethics, etc.	
12 M.	Prac. Norm. Histol. One sec. two hours. Others	Prac. Norm. Histol. One sec. two hours.	Demonstrations in Physiology. Section.	Prac. Norm. Histol. One sec. two hours. Others	Demonstrations in Physiology. Section.	Prac. Norm. Histol. One sec. two hours.
1 P. M.	Osteology, at 1 P. M., or Dissection.	Others Dissect.		Osteology, at 1 P. M., or Dissection.		Others Dissect. o Med. and Surg. Clinics. <sup>†</sup>
3½ P. M.	Piersol. Anatomy.	Piersol. Anatomy.	Wharton. Band'g, Lec., before Dec. 22.	Piersol. Anatomy.	Piersol. Anatomy.	
4½ P. M.	Reichert. Physiology.	Reichert. Physiology.	Bandag. Sec., before Dec. 22. Miller. Mat. Med after Jan. 1st.	Reichert. Physiology.	Reichert. Physiology.	
5½ P. M.			Bandaging Sec., before Dec. 22.			
7½ P. M.	Pharm. Laborat. Section.		Pharm. Laborat. Section.			

For the study of Histology, Osteology and Syndesmolgy, and Bandaging, the Class is divided into sections, one of which is occupied at a time. Students not thus engaged dissect, or, if not otherwise occupied, may attend general Clinics.

<sup>†</sup> University Hospital.

## ORDER OF LECTURES, DAILY.—SECOND YEAR.—1896-7.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9 A. M.	Pract. Bacteriol. Sections.	Demonstrations in Physiology. Sections.	Phila. Hospital. Gynæcol. Clin.			
10 A. M.	Demonstrations in Physiology. Sections.	Pract. Bact. Sections.	Phila. or Penna. Hosp., Med. and Surgical Clinics.	Wormley. Med. Chemistry.	Guiteras. Pathology.	Med. Chemistry Laboratory. Three hours.
1 A. M.	Pract. Bact. Sections.	Guiteras. Pathology.		Ashhurst. Surgery.		
2 M.		Ashhurst. Surgery.	Practical Pathol. One section two hours. Others attend Gynæcolog. and Gen. Surg. Clinic.†	Practical Pathol. Phys. Diag. Sections. Others attend Med. Clinic.	Ashhurst. Surgery.	Practical Pathol. One section two hours. Others attend Gen. Med. and Surg. Clinics.†
P. M.	Practical Pathol. Phys. Diag. Sections.	Practical Pathol. Sections.			Practical Pathol. Phys. Diag. Sections.	
½ P. M.	Piersol. Anatomy.	Hirst. Obstetrics.	Dem's in Physiol. Sections.	Hirst. Obstetrics.	Piersol. Anatomy.	
½ P. M.	Reichert. Physiology.	Musser. Phys. Diagnosis.		Wood. Therapeutics	Reichert. Physiology.	
½ P. M.					Wood. Therapeutics.	
½ to 1 P. M.	Dissection.	Dissection.	Dissection.	Dissection.	Dissection.	

For the study of Pathological Histology and Physical Diagnosis, the Class is divided into sections, one of which occupied at a time; Second-year students not thus engaged attend Clinics.

† University Hospital.

## ORDER OF LECTURES, DAILY.—THIRD YEAR.—1896-7.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9 A. M.	Autopsies before Feb. 1.	Dem. in Morb. Anat., Section.	Phila. Hospital. Gynæcol. Clinic.	Dem. in Morb. Anat., Section.	Dem. in Morb. Anat., Section.	Phila. Hospital. Gynæcol. Clinic.
10 A. M.			Phila. or Penna. Hosp. Medical and Surgical Clinics.		Guiteras. Pathology.	Phila. or Penna. Hosp., Medical and Surgical Clinics.
1 A. M.	Guiteras. Bacteriology.	Guiteras. Pathology.		Ashhurst. Surgery.		
2 M.	Deaver. Appl. Anatomy.	Ashhurst. Surgery.	Wood. Clin. Nerv. Dis. U. H.†	Tyson. Medical Clinic, U. H.†	Ashhurst. Surgery.	Pepper. Med. Clin., U. H.†
P. M.	Randall. Clin. Dis. of the Ear, U. H.† Ward Classes. Med. and Surg. U. H.†	Duhring. Clin. Dis. of the Skin, U. H.† Ward Classes, Med. and Surg., U. H.†	White. Surgical Clinic, U. H.†	Norris. Clin. Dis. of the Eye, U. H.† Ward Classes, Surg., U. H.†	Ward Classes, Med., U. H.†	Ashhurst. Surgical Clinic, U. H.†
½ P. M.	Martin. Genito-Urin. Dis. after Feb. 1, U. H.†				Duhring. Didac. Skin Dis. before Feb. 1. Didac. Larynx after Feb. 1.	
½ P. M.	Wharton. Minor Surgery. Lecture before Feb. 1.	Hirst. Obstetrics.	Penrose. Didactic Gynæcology, U. H.†	Hirst. Obstetrics.		
½ P. M.	Wharton. Frac. Dressing. Two secs., Prac., before Feb. 1.	Deaver. Appl. Anatomy.	Randall. Didac. Otology before Feb. 1.	Wood. Therapeutics.	Wharton. Frac. Dress., Two Sec. Prac. before Feb. 1.	
½ P. M.	Pepper. Practice.	Pepper. Practice.	Hirst. Obstetrics.	Pepper. Practice.	Wood. Therapeutics.	

For Ward Class instruction and Obstetrical Demonstrations the Third-year Class is divided into sections.

SEE SPECIAL ROSTER.

† U. H. University Hospital.



## ORDER OF LECTURES,\* DAILY.—FOURTH YEAR.—1896-7.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
10 A. M.			Phila. Hospital, Gynæcolog. Clinic.	<b>Mills.</b> Mental and Nerv. Dis. before Feb. 1, Med. Juris. after Feb. 1.	<b>Abbott.</b> Hygiene.	Phila. Hospital, Gynæcolog. Clinic.
11 A. M.	<b>Ashhurst.</b> Op. Sur., Lec. after Feb. 1.		Phila. or Penna. Hos. Med. and Surg. Clinics.	<b>Griffith.</b> Clin. Dis. of Children, U. H.,† before Feb. 1.	<b>Hirst.</b> Operative and Clinical Obstetrics.†	Phila. or Penn Hospital, Med Surg. and Gyn- cological Clinic.
12 M.	Pract. Gynæcol. U. H.†	Pract. Gynæcol. U. H.†	<b>Wood.</b> Clinic, Nerv. Diseases, U. H.†	<b>Tyson.</b> Med. Clinic. U. H.† Pract. Gynæcol.		<b>Pepper.</b> Med. Clin., U. H.
1 P. M.	<b>Randall.</b> Ear Clin., U. H.† Ward Classes in Surg., U. H.†	<b>Duhring.</b> Skin Clinic, U. H.† Ward Classes in Surg. U. H.†	<b>White.</b> Surgical Clinic. U. H.†	<b>Norris.</b> Eye Clin., U. H.† Ward Class in Surg., U. H.†	<b>Penrose.</b> Gynæcolog., Clinic.	<b>Ashhurst.</b> Surg. Clinic, U. H.†
3½ P. M.	<b>Martin.</b> Genito-Urin. Dis., after Feb. 1, U. H.† <b>Mills.</b> Med. Juris. before Feb. 1.	<b>Willard.</b> Orthop. Surg. Clin. and Didac. U. H.†	<b>Penrose.</b> Didac. Gynæcol. U. H.† Ward Classes in Med., U. H.†	Ward Classes in Med., U. H.†	<b>Duhring.</b> Didac. Skin Dis. before Feb. 1. Didac. Lar., after Feb. 1.	Ward Classes Med., U. H.†
4½ P. M.	<b>Wharton.</b> Oper. Surg., after Feb. 1, Sections.	<b>Norris.</b> Didac. Ophthal- mol., U. H.†	<b>Randall.</b> Didac. Otology, before Feb. 1, U. H.† Autopsies after Feb. 1.	<b>R. C. Norris.</b> Operative Obstetrics, Sections.	<b>Wharton.</b> Operative Surgery, after Feb. 1, Sections.	Clinical Conference in Medicine, U. H.
5½ P. M.	<b>Pepper.</b> Practice.	<b>Pepper.</b> Practice.		<b>Pepper.</b> Practice.		

For Ward Class instruction and Demonstrations the Fourth-year Class is divided into sections. See SPECIAL ROSTERS for Sections of Class and for Clinical Electives.

\* Subject to modification. † U. H. University Hospital.

## FOURTH-YEAR CLASS.

## SPECIAL ROSTER \*

OF WARD CLASS INSTRUCTION AND SPECIAL CLINICS FOR STUDENTS  
OF THE FOURTH-YEAR CLASS. SESSION 1896-97.

For attendance upon the course in Medicine, the Fourth-year Class is divided into *three sections*, A, B and C, and for attendance upon the course in Surgery, into *four sections*, A, B, C and D, which attend as follows:

*First Period, from Wednesday, Oct. 14, to Saturday, Jan. 23, inclusive.*

	Monday.	Tuesday.	Wednesday.	Thursday.	Saturday.
Medicine . . . .	—	—	A	B	C

\* Bedside instruction for the various classes begins as follows: Third-year Class in Medicine and Surgery, on the first Monday *after* October 1; Fourth-year Class, all bedside instruction, on the second Monday *after* October 1; Classes in Electives and Special Subjects, on the third Monday *after* October 1.



*First Period, from Monday, Oct. 12, to Thursday, Nov. 28, inclusive.*

Surgery . . . . .	C	D	—	A	—
Gynæcology . . .	A	B	—	C	—

*Second Period, from Wednesday, Jan. 25, to Saturday, Apr. 24, incl.*

Medicine . . . . .	—	—	B	C	A
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*Second Period, from Monday, Nov. 30, to Thursday, Jan. 28, inclusive.*

Surgery . . . . .	B	C	—	D	—
Gynæcology . . .	C	A	—	B	—

*Third Period, from Monday, Feb. 1, to Thursday, Mar. 20, inclusive.*

Surgery . . . . .	A	B	—	C	—
Gynæcology . . .	B	C	—	A	—

*Fourth Period, from Monday, Mar. 22, to Thursday, Apr. 29, inclusive.*

Surgery . . . . .	D	A	—	B	—
Gynæcology . . .	A	B	—	C	—

Ward Class instruction in Medicine begins at 3.30 p. m., in Surgery at 1 p. m., and in Gynæcology at 12 m. This arrangement enables each section to attend, during an equal period of the session, the clinical lectures on special subjects, as follows:

<i>Monday, 1 p. m.</i>	<i>Tuesday, 1 p. m.</i>	<i>Wednesday, 12 m.</i>
PROF. RANDALL,	PROF. DUHRING,	PROF. WOOD,
<i>Otology.</i>	<i>Skin Diseases.</i>	<i>Nerv. Dis.</i>
<i>Thursday, 1 p. m.</i>	<i>Friday, 1 p. m.</i>	
PROF. NORRIS,	PROF. PENROSE,	
<i>Ophthalmology.</i>	<i>Gynæcology.</i>	

The entire Third and Fourth-year Classes attend the general Medical and Surgical Clinics, held on Wednesday and Saturday, from 12 to 2 o'clock, with the exception of two sections of each class which attend in rotation the Gynæcological Clinic on Friday at 1 o'clock in the Upper Lecture Room of the University Hospital, as well as the Medical Clinic on Thursday, at 12 o'clock.

### THIRD-YEAR CLASS.

#### SPECIAL ROSTER

OF WARD CLASS INSTRUCTION AND SPECIAL CLINICS FOR STUDENTS OF THE THIRD YEAR. SESSION 1896-97.

For attendance upon these Courses, the Third-year Class is divided into *four sections*, A, B, C and D, which attend as follows;

*First Period, from Monday, Oct. 5, to Friday, Nov. 20, inclusive.*

	Monday.	Tuesday.	Thursday.	Friday.
Medicine . . . . .	B	D	—	A

*First Period, from Monday, Oct. 12, to Saturday, Nov. 28, inclusive.*

Surgery . . . . .	D	A	B	—
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*Second Period, from Monday, Nov. 23, to Friday, Jan. 22, inclusive.*

Medicine . . . . .	C	B	—	D
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*Second Period, from Monday, Nov. 30, to Saturday, Jan. 30, inclusive.*

Surgery . . . . .	A	C	B	—
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*Third Period, from Monday, Jan. 25, to Friday, Mar. 12, inclusive.*

Medicine . . . . .	D	A	—	C
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*Third Period, from Monday, Feb. 1, to Saturday, March 20, inclusive.*

Surgery . . . . .	B	C	D	—
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*Fourth Period, from Monday, Mar. 15, to Friday, April 30, inclusive.*

Medicine . . . . .	A	C	—	B
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*Fourth Period, from Monday, March 22, to Saturday, May 1, inclusive.*

Surgery . . . . .	C	D	A	—
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The instruction is given at the University Hospital at 1 o'clock. Professor Tyson meets the sections of the Third-year Class in the Wards and Medical Dispensary; and Professor White in the Lower Lecture Room. The Special Clinics are held in the Upper Lecture Room.

This arrangement enables each section to attend, during an equal period of the session, the clinical lectures on special subjects, as follows :

<i>Monday, 1 p. m.</i>	<i>Tuesday, 1 p. m.</i>	<i>Wednesday, 12 m.</i>
PROF. RANDALL,	PROF. DUHRING,	PROF. WOOD,
<i>Otology.</i>	<i>Skin Diseases.</i>	<i>Nerv. Dis.</i>
<i>Thursday, 1 p. m.</i>	<i>Friday, 1 p. m.</i>	
PROF. NORRIS,	PROF. PENROSE,	
<i>Ophthalmology.</i>	<i>Gynæcology.</i>	

## SECOND-YEAR CLASS.

## SPECIAL ROSTER

OF CLASS SECTIONS IN PHYSICAL DIAGNOSIS AND IN PRACTICAL  
PATHOLOGY, FOR STUDENTS OF THE SECOND YEAR.

SESSION 1896-97.

Period.	Practical Pathology.	Physical Diagnosis.
	<b>Dr. Riesman.</b>	<b>Dr. Musser.</b>
Oct. 1. Dec. 1.	SECTION I. A to E. Daily.	SECTION IV. S to Z. { Mondays. Thursdays. Fridays.
Dec. 1. Feb. 1.	SECTION II. F to K. Daily.	SECTION III. L to R. { Mondays. Thursdays. Fridays.
Feb. 1. April 1.	SECTION III. L to R. Daily.	SECTION II. F to K. { Mondays. Thursdays. Fridays.
April 1. June 1.	SECTION IV. S to Z. Daily.	SECTION I. A to E. { Mondays. Thursdays. Fridays.

## FIRST-YEAR CLASS.

## SPECIAL ROSTER

OF LABORATORY INSTRUCTION IN HISTOLOGY, OSTEOLOGY AND  
SYNDESMOLOGY, FOR STUDENTS OF THE FIRST YEAR.

SESSION OF 1896-97.

For instruction in these Laboratories, the First-year Class is divided into four sections, 1, 2, 3, 4, which attend throughout the entire session as follows :

	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
HISTOLOGY,	1	2	—	3	—	4
OSTEOLOGY,	2 & 3	—	—	1 & 4	Entire class 10 o'clock.	—

All students not occupied during the above hours dissect from 12 to 2 daily, and from 9 to 11 Friday.

## GRADUATION.

At the end of the fourth year, a student who has satisfactorily passed all the required examinations receives the degree of Doctor of Medicine under the following conditions :

I. He must be 21 years of age, and of good moral character.

II. He must have passed satisfactory examinations in all of the required branches of the curriculum, must have attended the practical instruction in all departments, and his last year of instruction must have been at this school.

III. He must have attended at least one case of Obstetrics.

IV. After receiving notice of having successfully passed the final examination, he must enter his name on the Register of Candidates for the Degree.

V. He must be present at Commencement, unless excused by the Dean of the Faculty.

### ARRANGEMENT OF SESSION.

The Academic Year consists of one session, beginning on October 1, and ending at Commencement on the second Wednesday in June.

The session 1897-98 will begin on Friday, October 1, 1897, and will end on Wednesday, June 8, 1898.

### TUITION FEES AND EXPENSES.

#### *First Year.*

Matriculation Fee . . . . .	\$5 00
For General Tuition Ticket, admitting to all the lectures, and including all the laboratory work and dissection assigned to this year . . . . .	\$200 00
Dissecting material . . . . .	\$1 per part.

#### *Second Year.*

For General Tuition Ticket, admitting to all the lectures, and including all the laboratory work and dissection assigned to this year . . . . .	\$200 00
Dissecting material . . . . .	\$1 per part.

The Department of Medicine of the University of Pennsylvania is recognized by the Royal College of Physicians, London, and by the Royal College of Surgeons, England, to the extent that its graduates are exempt from the first examination, and admitted to the second and third examinations of the joint examining board, upon the following basis:

They must exhibit their diploma, together with evidence of having passed an approved preliminary examination in general education; and they must also present evidence of five years' professional study, and certificates to show that the curriculum required by the examining board has been substantially fulfilled.

Graduates of the Department of Medicine of the University of Pennsylvania are also admitted, on presentation of the diploma and certificates to verify the curriculum, together with evidence of a satisfactory preliminary examination or degree in Arts, to the final examination for the triple qualification of the Royal Colleges of Physicians and Surgeons of Edinburgh, and Faculty of Physicians and Surgeons of Glasgow.

*Third Year.*

For General Tuition Ticket, admitting to all the lectures and practical work assigned to this year . . . . .	\$200 00
Fee for Practical Obstetrics . . . . .	1 00

*Fourth Year.*

For General Tuition Ticket, admitting to all the lectures and the Practical courses of this year required for grad- uation (no graduation fee) . . . . .	\$200 00
Fee for Practical Obstetrics . . . . .	1 00
Material for operations in Surgery . . . . .	\$1 per part.

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NOTE.—All tuition fees are payable to JOHN MARSHALL, DEAN. The tuition fee of \$200 each year is *on condition that it is paid before November 1*. If paid on or after November 1, the fee will be \$205 for the year. If a division of payments is desired, \$105 are to be paid before November 1, and \$100 before February 1.

*At least twenty-five dollars must be paid on account of tuition before the student will be admitted to the Chemical Laboratory.*

*Under no circumstances are any changes made in the established fees.* The only free scholarships granted are those under the regulations hereinafter referred to.

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## FEES FOR SPECIAL COURSES.

*(Students taking special or partial courses, if not already matriculated, or if not graduates of the School, are required to pay the matriculation fee in addition to the fees named below.)*

For any single course of Lectures, except Materia Medica . .	\$20 00
For the course of Lectures on Materia Medica . . . . .	10 00
For Practical Course in the Chemical Laboratory . . . . .	25 00
For the course in Practical Gynæcology of the fourth year . .	25 00
For any one of the remaining Practical courses . . . . .	15 00

Graduates of the School are admitted to the *lectures* free of charge; but they are required to pay the fees for any practical courses they may take.

At the beginning of the first and second years, each student is required to make a deposit of \$5 with the Professor of Chemistry, to cover "breakage" in the chemical laboratories. Any balance remaining at the end of the session is returned.



## SCHOLARSHIPS.

A competitive examination of candidates to fill three free scholarships is held annually. (In 1897, on Saturday, September 25, at 10 A. M., in Medical Hall.) Each candidate will be required:

*First.* To furnish satisfactory evidence in writing, from three reputable persons, that he is without means to defray the expenses of a medical education.

*Second.* To write a brief autobiography, of about 300 words in length, which will serve as a test of his qualifications in orthography and grammar.

*Third.* To pass a written examination in Latin prose translation on the first three books of Cæsar; and a written examination in Physics, which may embrace questions relating to the general properties of Matter, Mechanics, Heat, Light and Electricity. The examination in Physics is not confined to the subject-matter of any text-book, but Balfour Stewart's *Physics* covers the ground.

*Fourth.* To pay an examination fee of \$5, which is not returned, but is accepted as the matriculation fee in case the candidate is successful.

The application of candidates who propose presenting themselves for examination, together with the certificates demanded by the first requirement of the competition, must be in the hands of the Dean *before September 15*. This requirement having been complied with, candidates will appear without further notice at the time stated for examination.

## FACILITIES FOR INSTRUCTION.

The instruction in the Department of Medicine is conducted in the MEDICAL HALL, the LABORATORY BUILDING, the HOSPITAL OF THE UNIVERSITY, MATERNITY PAVILIONS, WISTAR INSTITUTE OF ANATOMY AND BIOLOGY, and the LABORATORY OF HYGIENE.

The Medical Hall contains the Laboratories of Histology, Osteosyndesmology, Physiology, Pathology, Pharmacy and Experimental Therapeutics.

The HISTOLOGICAL LABORATORY is under the supervision of the Professor of Anatomy and the Demonstrator of Histology. The Laboratory is furnished with excellent microscopes, and all apparatus necessary to enable the student to become practically familiar with the most approved methods of microscopical technology, as well as with the normal histology of all the tissues and organs. Special facilities are afforded for original research and work in Practical Embryology: for this purpose the Laboratory is open throughout the year, except during July and August.

THE OSTEO-SYNDESMOLOGICAL LABORATORY is under the supervision of the Professor of Anatomy and Demonstrator of Osteology. In this Laboratory, the First-year student is required to make himself familiar with the skeleton and the articulations as a part of his instruction in practical anatomy.

THE PHYSIOLOGICAL LABORATORY is under the personal direction of the Professor of Physiology, who devotes his entire time to the subject, aided by the Assistants in Physiology. It is furnished with every form of apparatus likely to be used by the practical physiologist. Every facility is afforded advanced students and graduates pursuing special studies in Physiology. The Laboratory is open throughout the year, except during July and August.

THE PATHOLOGICAL LABORATORY, under the direction of the Professor of General Pathology and Morbid Anatomy and the Demonstrator, was opened in 1874, and attracts from all sections of the country many physicians and students who desire special preparation in Pathological Histology, Bacteriology and Experimental Pathology. It is furnished with microscopes and all the appliances requisite for practical study and for original research. This Laboratory is supplied with a complete outfit for the investigation of bacteria in their relation to infectious diseases, and for the study of the lower fungi.

Each student of the Second year is provided with a separate table and microscope, with material and reagents, and receives personal instruction in Pathological Histology, in Mycology, and in the Microscopy of the Urine.

Each student of the Third year receives advanced practical instruction in Morbid Anatomy, and in the performing of autopsies. Weekly demonstrations of the gross appearance of specimens, embracing all known morbid products, mostly in fresh condition, together with the microscopic sections, are features of this course. The practical work is obligatory for students of the Second and the Third years. Special instruction and guidance in original research are given by the demonstrators to advanced students. The Laboratory is open throughout the year, except during July and August.

THE PHARMACEUTICAL LABORATORY is in charge of the Professor of Materia Medica and Pharmacy and the Instructors in Pharmacy. It is furnished with all necessary apparatus. In it the student learns not only the various pharmaceutical processes, but also that familiarity with drugs which can be acquired only by handling.

THE LABORATORY OF EXPERIMENTAL THERAPEUTICS, under the direction of the Professor of Materia Medica and Therapeutics, is

furnished with all the apparatus and instruments necessary for the study of the physiological actions of medicines.

THE DEPARTMENT OF PRACTICAL OBSTETRICS is under the supervision of the Professor of Obstetrics and the Demonstrators. The course includes operations on the cadaver and practice with the manikin, while lying-in cases are given to advanced students. (See also under MATERNITY PAVILIONS.)

THE WISTAR AND HORNER MUSEUM, founded nearly one hundred years ago, has been annually augmented, and is unsurpassed in the United States for the number and variety of its specimens illustrating the normal and morbid anatomy of every part of the human body. It also contains a large number of preparations in comparative anatomy, used in illustrating the lectures. Through the munificence of General Isaac J. Wistar, THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY has been erected opposite the Medical Hall, and therein the collections of the Museum are contained. The Museum is open daily, except Sunday, from 1 P. M. to 3.30 P. M. throughout the season, to matriculated students.

THE CABINET OF MORBID ANATOMY, collected by Dr. George B. Wood, and given by him to the University, contains an extensive series of wet preparations, drawings and models in wax and other materials: a collection unrivaled in extent and value for illustrating diseases of the internal organs and of the skin.

The late distinguished Professor of Obstetrics, Dr. Hugh L. Hodge, enriched the facilities of instruction in that special branch by the gift of his valuable Cabinet.

Through the liberality of the late Dr. Henry H. Smith, Professor of Surgery, and of the late Dr. John Neill, Professor of Clinical Surgery, the University received further extensive and valuable gifts of morbid specimens, models and drawings; and the late eminent Professor of Surgery and Honorary Professor of Clinical Surgery, Dr. D. Hayes Agnew, generously presented his entire collection for the use of the Chair of Surgery.

### THE LABORATORY BUILDING.

The first floor is arranged for the Operating-room, or Infirmary, of the Dental Department, and has the necessary waiting-rooms, etc., adapted to the special requirements of this department. The entrance to the Operating-room is on Spruce street.

The second and third floors are fitted up as chemical laboratories; on the second floor is the Laboratory of General Chemistry, and on the

third floor that of Medical Chemistry. In addition to the main rooms, there are two balance-rooms provided with instruments for attaining accuracy in chemical research.

The fourth floor is occupied by the Dissecting-room.

CHEMICAL LABORATORIES.—The Laboratories for Practical Chemistry are under the supervision of the Professor and Assistant Professor of Chemistry, with assistants. Students of the first year devote three hours each week in the Laboratory to the study of Qualitative Analysis. The course includes chemical manipulations, and the detailed study of the chemical reactions of the principal metals, acids and their combinations; with the general principles of Qualitative Analysis, especially as they relate to the detection and separation of metals and compounds of importance to the physician. Each student is provided with a separate table and apparatus, and is required to exhibit by written formulæ all reactions involved in his tests.

Students of the second year devote three hours per week to practical work in the Laboratory. The course embraces an introduction to the general principles of Quantitative Analysis; and the principles of Volumetric Analysis; with the practical examination of urine and animal fluids, and the recognition and recovery of poisons from the animal body and complex mixtures.

DISSECTING-ROOM.—In constructing the new Dissecting-room of the University, care was taken to provide everything that experience suggested as being necessary or desirable. The room is at the top of the Laboratory Building, and is one hundred and forty feet in length by forty feet in width. It is lighted by windows on all sides, and by skylights. The most perfect ventilation is thus secured. The tables have stone tops, which cannot absorb moisture, and are kept perfectly clean. There are numerous washstands with hot and cold water, and private closets for the use of each student. Cleanliness is rigidly enforced. The preservation of the cadaver has been so successfully accomplished as almost to do away with the dangers of dissecting wounds. Dissection is legalized in Pennsylvania.

The room is open from October 1 to the latter part of June, under the supervision of the Professor of Anatomy and the Demonstrators.

PRACTICAL SURGERY.—The applying of bandages is taught to students in their first year, while the use of fracture dressings is taught in the third year, and surgical operations on the cadaver are a part of the practical instruction to students of the fourth year, under the supervision of the Professor and Demonstrators of Surgery. Instruments and splints are supplied without expense to the student.



## THE STILLÉ MEDICAL LIBRARY.

THE STILLÉ MEDICAL LIBRARY, the judicious selection and generous gift of Professor ALFRED STILLÉ, presented to the University in 1879, has received numerous additions, and now contains over six thousand volumes and five thousand pamphlets. It is deposited in the University Library.

## THE UNIVERSITY HOSPITAL.

The University Hospital, constructed according to established principles of hospital architecture, is provided with all the appliances pertaining to such institutions of the best class. It is situated near the Medical Hall, and forms an integral portion of the Department of Medicine. In its various departments, during 1895, there were treated 11,857 individual cases, representing almost all of the known medical, surgical and gynæcological affections.

Attendance on the Clinical Instruction given in its amphitheatres and wards is a part of the daily duty of the students, and ample opportunities are afforded the students to gain a personal and practical acquaintance with Clinical Medicine, Clinical Surgery, Gynæcology and the specialties. These subjects are taught by the several Clinical Professors.

The GIBSON Wing for Chronic Diseases, especially of the heart and lungs, was erected through the liberality of the late Henry C. Gibson. Here unusual opportunities are afforded for the study of these important affections.

The D. HAYES AGNEW Memorial Pavilion, comprising four large wards, and one large and two small clinic amphitheatres, is also used for clinical instruction.

The WILLIAM PEPPER Laboratory of Clinical Medicine, erected through the generosity of Dr. William Pepper as a memorial to his father, adjoins the University Hospital. The purposes of the Laboratory are: to promote the interests of the patients by providing facilities for the prosecution of minute clinical studies and original researches; and to advance the interests of Science by the publication of the results of such work. No instruction in the Laboratory is given to undergraduates.

Six positions as resident physicians in the University Hospital are awarded annually in June to the six members of the graduating class who have attained the highest general average in examinations. Only those members of the graduating class who have taken the last three years of the course in Medicine at this University are eligible for the positions.



## MATERNITY HOSPITAL.

The first pavilion of the Maternity department of the University Hospital was opened in the autumn of 1889. The second pavilion was opened in 1891, and the main building was completed in 1894. The Hospital has a present capacity of fifty beds and as many confinement cases a month. Two students of the graduating class are assigned to each case four weeks before the expected delivery. Under the supervision of a demonstrator, a thorough examination is made of the patient's history and present condition, with special reference to the urine, pelvis and abdomen. The labor is conducted by the students in charge of the case, under the instruction of a resident physician, and daily visits are made, during the puerperium, to the mother and child. The patient's safety is guarded by a strict system of antisepsis, and unnecessary exposure is avoided by giving to each woman a separate room during her confinement. The students fill out an elaborate record of the case, which is handed to the Professor of Obstetrics.

## OTHER HOSPITALS AND HOSPITAL CLINICS.

In addition to the official clinical lectures and bedside instruction delivered at the University Hospital, medical students have the opportunity of attending clinical lectures in other hospitals, and in private classes formed for the special study of disease.

Close to the grounds of the University is the Philadelphia Hospital, with its thousand beds. Here are delivered twice a week Clinical Lectures on Medicine, Surgery and the Diseases of Women and Children. Lectures on Clinical Medicine and Surgery are also delivered twice a week during the greater part of the year by the Medical Staff of the Pennsylvania Hospital. Instruction in Clinical Surgery and Children's Diseases is also given at the Children's Hospital. There are also weekly Clinics in Medicine and Surgery at the German Hospital. In the Southeastern Hospital and Dispensary, students of the graduating class are lodged, in rotation, to attend confinement cases in the patients' homes. To these institutions students are admitted without charge.

During the summer private classes are formed for Clinical Instruction, for which a moderate fee is charged.

Appointments of Resident Physicians, amounting to thirty-five or more, are made annually in the different hospitals of the city and in the Philadelphia Dispensary. Except in one or two hospitals, these positions are now filled by competitive examination of candidates.

From the preceding summary it is evident that a prolonged residence in Philadelphia must be of the utmost value to the student, by enabling him to pursue a systematic course of study, and to become practically familiar with the scientific methods of investigating disease, and with the principles and results of its treatment.

#### PRIZES TO BE AWARDED JUNE, 1897.

NOTE.—*Theses and Reports in competition for Prizes, must be presented to the Dean on or before April 1. Prizes will not be awarded unless the work submitted reaches a high standard of excellence.*

THE ALUMNI MEDAL is offered by the Society of the Alumni of the Department of Medicine of the University, to the member of the Graduating Class who attains the highest general average in examinations.

A Prize of One Hundred dollars is offered by a friend of the University, to the member of the Graduating Class who passes the best examination in Obstetrics.

The Professor of Obstetrics offers a Prize of an Obstetrical Forceps to the member of the Graduating Class who furnishes the best report of a case of Obstetrics occurring in the University Maternity Hospital.

The Professor of Clinical Surgery offers a Prize of a Surgical Pocket-case for the best report of his clinics during the session; also a Prize of a copy of Treves' Operative Surgery to one member of each of the four Surgical Ward Class sections for reports of that service.

The Clinical Professor of Orthopædic Surgery offers a Prize of an Antiseptic Minor Operating Case for the best practical work in Orthopædic Surgery, or for an acceptable original design in Apparatus.

The Clinical Professor of Genito-Urinary Diseases offers a Prize of a copy of Treves' Operative Surgery for the best thesis on a clinical study of cases.

A Prize of a Surgical Pocket-case is offered by the Demonstrator of Anatomy, to the member of the Graduating Class who presents the best record of anomalies found in the anatomical rooms.

Two Prizes are offered by the Demonstrator of Surgery: a Pocket-case of instruments to a member of the Graduating Class for proficiency in Fracture Dressings and in Operative Surgery; a Pocket-case of instruments to a member of the First-year Class for proficiency in Bandaging.

A Prize of a copy of Ashhurst's Surgery is offered by the Demonstrator of Osteology, to the member of the First-year Class who passes the best examination in Osteology.

A Prize of a case of Autopsy Instruments is offered by the Demonstrator of Morbid Anatomy for the best report of his Autopsies.

A Prize of a Gower's Hæmometer is offered by the Lecturer on Physical Diagnosis, to the member of the First-year Class who presents the best report of the lectures on Physical Diagnosis.

A Prize of an Axis-traction Obstetrical Forceps is offered by the Barton Cooke Hirst Obstetrical Society to the member of the Graduating Class who passes the best examination in Operative Obstetrics.

The JOSEPH ZENTMAYER Prize of a Histological Microscope, with two object glasses and two eye-pieces, is offered by the successors of Joseph Zentmayer to the student passing the best examinations in Histology and Embryology, the average to be made from the combined marks of the separate examinations on these branches.

A Prize of Twenty-five dollars is offered by a friend of the University to the student who passes the best special examination in Therapeutics.

#### SOCIETY OF THE ALUMNI OF THE DEPARTMENT OF MEDICINE.

Any graduate of the Department of Medicine, in good standing, may become a member of this Society by forwarding to the Treasurer the sum of two dollars; and thereafter the annual contribution shall be two dollars.

##### OFFICERS.

*President.*—Traill Green, M. D.

*Vice-Presidents.*—Meredith Clymer, M. D.; William Hunt, M. D. ;\*  
Claudius H. Mastin, M. D.; Hiram Corson, M. D.\*

*Secretary and Treasurer.*—Joseph P. Tunis, M. D., 129 S. 18th St., Philadelphia.

*Chairman of Executive Committee.*—S. D. Risley, M. D., 1722 Walnut St., Philadelphia.

It is the intention of the Society to prepare a complete catalogue of the graduates of the Medical Department, as soon as funds will permit. Any graduate who has not already received a blank form requesting the necessary information, may obtain one upon application to the Secretary. The latter will also be pleased to furnish further particulars, if desired.

*Alumni are requested to send to the Secretary notice of change of residence, or other information likely to be of service in the preparation of this catalogue.*

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\* Deceased.

## DEGREES IN COURSE.

At a public Commencement, held on THURSDAY, JUNE 11, 1896, the following Degrees were conferred:

## IN THE FACULTY OF MEDICINE.

*Doctor of Medicine:*

J. Warren Bauman,  
 Samuel D. Bickel,  
 Walter C. Blaine,  
 J. Edward Blair,  
 Harris J. Blake,  
 Harry H. Brown,  
 James S. Brown, A. M.,  
 F. Otis Bryant, M. E.,  
 Wilmarth S. Buck,  
 John C. Bullitt, Jr.,  
 Rodman Butler,  
 Henry L. Carlisle,  
 Frederick R. Charlton, M. D.,  
 Scott P. Child, Ph. B.,  
 J. Julius Clarke, A. B.,  
 George W. Colby, M. D.,  
 Albert M. Cole, M. D.,  
 Robert G. Contrell,  
 Hamilton W. Cooper,  
 Roland Cramer, M. D.,  
 George W. Crawhall, M. D.,  
 John B. Cressinger, Ph. B.,  
 Louis A. Crist,  
 Richard M. A. Davis,  
 William T. Davis,  
 John Pierre Devereux,  
 William H. Dingee,  
 Thomas F. Downing,  
 Alexis Lumb Draper,  
 Paul B. Dunn,  
 John Eccles,  
 William H. Emery,  
 Charles E. Filbert, A. B.,  
 Henry C. Fish,  
 Herbert Payne Fisher, B. S.,  
 Horace Fleckenstine,  
 Alfred E. Fretz,  
 Henry S. Garlick, M. D.,  
 Henry B. Golden,  
 Charles A. Gundy, B. S.,  
 John Hamilton,  
 William A. Hamilton,  
 Charles H. Hayes, A. B.,  
 David T. Huston,

Harry H. Jones, A. B.,  
 Willis E. King,  
 Harry W. Kirby,  
 Alden Arthur Knipe,  
 Otto Andrew Koch, A. B.,  
 Carey Lee Lamborn, A. B.,  
 Harry F. Loesch,  
 Guthrie McConnell,  
 George L. McCoy,  
 John T. McGrath,  
 Murvington E. Malaun,  
 W. Wilson Maxwell, B. S.,  
 John A. Metzger,  
 Maurice A. Neufeld,  
 Henry Norris, Jr.,  
 Michael E. O'Brien,  
 Henry John Off,  
 George H. Parker,  
 Herman B. Parker,  
 Francis D. Patterson,  
 George B. Perry,  
 Harry V. Prescott, M. D.,  
 Crayke S. Priestley,  
 J. Ross Reed,  
 George W. Reese,  
 Walter R. Rentschler,  
 William Lloyd Richards,  
 Ernest F. Robinson, A. B.,  
 Edgar Savidge,  
 John Richard Shannon,  
 Edwin C. Shattuck,  
 Harley James Stacey,  
 Foster Sudler,  
 Howard M. Taggart,  
 Frank M. Tiffany, A. B.,  
 Charles L. Upton, A. B.,  
 Byron G. Van Horne,  
 Charles S. Walker,  
 Charles H. Weber,  
 Julius F. Wingenbach,  
 Horatio C. Wood, Jr.,  
 Edward Blais Woodward,  
 Sidney C. Zemp,  
 Edwin Zugsmith.



## PRIZES AWARDED AT COMMENCEMENT, JUNE 11, 1896.

The ALUMNI MEDAL, with an accompanying Purse of Fifty Dollars, to the member of the Graduating Class who attains the highest general average in examination. To EDWIN ZUGSMITH.

The Prize of One Hundred Dollars, offered by a friend of the Department to the member of the Graduating Class who passes the best examination in Obstetrics. To GEORGE H. PARKER, with Honorable Mention of LOUIS A. CRIST.

The Prize of Twenty-five Dollars, offered by a friend of the Department to the member of the Graduating Class who passes the best examination in Therapeutics. To JOHN P. MULRENAN, with Honorable Mention of IRA A. SHIMER.

The Prize of a Thomas-Zeis Blood Corpuscle Counting Apparatus and a Fleischl Hæmometer, offered by the Professor of Clinical Medicine for the best report of his clinics during the session of 1895-96. To EDWIN ZUGSMITH, with Honorable Mention of the report of GEORGE W. COLBY.

The Prize of a copy of Treves' Operative Surgery, offered by the Professor of Clinical Surgery to one member of each of the four Surgical Ward Class sections for reports of that service. To EDWIN ZUGSMITH.

The Prize of a Surgical Pocket-Case, offered by the Professor of Clinical Surgery for the best report of his clinics during the session. To FRANCIS D. PATTERSON.

The two Prizes offered by the Demonstrator of Surgery, were awarded as follows: A Surgical Pocket-Case for proficiency in Fracture Dressings and in Operative Surgery. To ROBERT N. WILLSON, JR., with Honorable Mention of BENJAMIN C. GILE and JESSE H. ALLEN. A Surgical Pocket-Case to GEORGE W. NORRIS, of the First-year Class, for proficiency in Bandaging, with Honorable Mention of WILLIAM A. CROSBY and W. NORMAN LIVINGOOD.

The Prize of a copy of Ashhurst's Surgery, offered by the Demonstrator of Osteology, to the member of the First-year Class who passes the best examination in Osteology. To ANDREW H. WOODS, with Honorable Mention of CHARLES L. SEITZ and MARTIN J. COOLEY.

The ZENTMAYER PRIZE of a Microscope, for the best examination in Histology and Embryology. To ALBERT W. MYERS, with Honorable Mention of JOSEPH G. WILSON.

The Prize of a case of Autopsy Instruments, offered by the Demonstrator of Morbid Anatomy, for the best report of the autopsies. To CLARENCE W. WILLE.



The Prize of a Hæmocytometer, offered by the Lecturer on Physical Diagnosis to the member of the First-year Class who presents the best report of his lectures on Physical Diagnosis. To JOHN H. LINDSAY, with Honorable Mention of the reports of MARTIN J. COOLEY and GEORGE W. NORRIS.

The Prize of an Antiseptic Minor Operating Case, offered by the Clinical Professor of Orthopædic Surgery for the best practical work in Orthopædic Surgery, or for the best report of his clinic, or for an acceptable original design in apparatus. To CHARLES A. GUNDY.

The Prize of an Axis-traction Obstetrical Forceps, offered by the Barton Cooke Hirst Obstetrical Society to the member of the Graduating Class who passes the best examination in Operative Obstetrics. To HARRY H. BROWN.

## APPOINTMENTS TO HOSPITALS.

The following graduates of the Department of Medicine, Class of 1896, arranged in alphabetical order, were appointed to Hospitals on competitive examination:

## University Hospital—

Blair, J. Edward,  
Crist, Louis A.,  
Huston, David T.,  
Patterson, Francis D.,  
Wood, Horatio C., Jr.

St. Francis' Hospital, Colorado Springs,  
Col.—

Turpin, Charles J., '95.

## St. Mary's Hospital—

Higgins, Frank J., '95.

## Philadelphia Hospital—

Brown, James S.,  
Fisher, Herbert P.,  
Golden, Henry B.,  
Parker, George H.,  
Purves, G. Moorehouse, '95,  
Robinson, Ernest F.,  
Rectenwald, John J., '95,  
Smith, Dennis K., '95,  
Tiffany, Frank M.

## Howard Hospital—

McDowell, Norris S.

## Methodist Episcopal Hospital—

Hayes, Charles H.

## Orthopædic Hospital—

Cooper, Hamilton W.,  
MacLeod, George I., Jr., '94,  
Mutschler, Louis H., '95.

## St. Joseph's Hospital—

Brown, James S.,  
Colby, George W.,  
Fisher, Herbert P.

## Allegheny General Hospital—

Brown, James S.,  
Crist, Louis A.

## Children's Hospital—

Robinson, Ernest F.

Mercy and St. Rosalie Hospital, Pitts-  
burg—

Brown, James S.,  
Hayes, Charles H.,  
McCoy, George L.,  
Robinson, Ernest F.,  
Zugsmith, Edwin.

## Philadelphia Polyclinic Hospital—

Reed, J. Ross.

## Presbyterian Hospital—

Gerson, T. Perceval, '95.

## German Hospital—

Blair, J. Edward,  
Kalteyer, Frederick J., '95.

## City Hospital, Wilkesbarre, Pa.—

Johnson, Woodbridge O., '95.

## St. Agnes' Hospital—

Cressinger, John B.,  
Devereaux, John P.,  
Dunn, Paul B.,  
Robinson, Ernest F.

## Chester Hospital—

Bryant, F. Otis.

## Charity Hospital, Norristown—

Gundy, Charles A.

## Cooper Hospital, Camden, N. J.—

Davis, Richard M. A.,  
Fisher, Herbert P.,  
Parker, George H.

## Pittston Hospital—

Richards, Wm. Lloyd.

# HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA.

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## BOARD OF MANAGERS.

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JAMES TYSON, M. D.

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ON SUPPLIES: HORACE Y. EVANS, M. D.

ON LIBRARY AND MUSEUM: JOHN SAILER.

OF EXECUTIVE COMMITTEE: ROBERT E. HASTINGS.

The names of the medical staff and officers of the Hospital are printed in the preceding pages, under Department of Medicine.

The UNIVERSITY HOSPITAL, is under the immediate direction of a Board of Managers, constituted as above. It is situated on a lot of ground between Thirty-fourth and Thirty-sixth streets, and Spruce and Pine streets, given by the City of Philadelphia to the University. The main building and one wing were opened for the reception of patients and for purposes of clinical instruction in 1874. In 1882 a new wing was added, through the liberality of Mr. Henry C. Gibson, for patients suffering from Chronic Diseases.

The main building, besides the offices and the rooms of the officers, has a large clinical Amphitheatre, which will seat six hundred students, and a smaller one seating one hundred and fifty. It also has twelve rooms for private patients. The wing adjoining has four wards, with a capacity of one hundred and ten patients, and sixteen private rooms. The wing for Chronic Diseases has room for sixty-two patients in its four wards. There is, therefore, full accommodation for one hundred and eighty-six patients. In the basement are surgical and medical dispensaries, also special dispensaries for diseases of the throat and nose, diseases of children, diseases of the skin, the eye and the ear, nervous diseases, diseases of women, for orthopædics and for venereal diseases, and for out-door patients. In connection with the Orthopædic Dispensary is a workshop, in which braces and other appliances are made.

The hallways are well lighted and spacious, and can be used as wards, should there be any sudden demand which the capacity of the regular wards could not meet.

The Hospital is also well adapted to purposes of teaching. A large part of the instruction given to the students in the Medical School is given here, as will be seen by reference to the rosters.

All cases of accident occurring in the State of Pennsylvania, which are brought to the Hospital within twenty-four hours after their occurrence, are admitted at any hour of the day or night. An ambulance will be sent for such cases, if notice is given by telephone or messenger.

Charity patients are admitted by the members of the Medical Staff on a written order to the Superintendent; provided that a bed be vacant in the department to which the member of the Medical Staff is attached.

Paying patients are received at the Hospital on application to the Superintendent, subject to the approval of the proper attending medical officer. The charge in the wards is \$7.00 per week; in the private rooms, of which there are twenty-eight, the prices range from \$17.50 to \$35.00 per week. The friends of the patients can be accommodated

in the Hospital under certain circumstances, but it is better for them to board in the neighborhood, where rates range from \$5.00 per week upwards.

No patient with acute venereal disease, or mania-à-potu, is admitted as a free patient, but is charged such rates for board as may be agreed upon. There are special apartments for mania-à-potu patients.

Visitors are admitted to see patients in the private rooms at convenient hours.

Visitors are admitted to the wards on week-days between 3 and 4 P. M., and on Sundays from 2 to 3 P. M.

Six positions as resident physicians in the University Hospital are awarded annually in June to the six members of the graduating class of the Department of Medicine who have attained the highest general average in examinations. Only those members of the graduating class who have taken the last three years of the course in Medicine at this University are eligible for the positions. The resident physicians go on duty at intervals of three months, and serve during a term of two years.

An Annual Report of the Hospital is published, giving detailed statistics of the year. Copies may be had on application to the Superintendent.

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*Communications concerning the business of the Hospital and the admission of patients should be addressed to the Superintendent, MARY E. P. DAVIS, and not to the Dean of the Faculty of Medicine.*

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### TRAINING SCHOOL FOR NURSES.

The Training School for Nurses, attached to the Hospital of the University, was organized in 1886. In that year a HOME FOR NURSES was erected in memory of Mrs. Richard D. Wood by her children, and has since then been considerably enlarged by the same generous donors. The building was completely furnished by the women members of the Training School Committee, and every provision is made for the healthful and comfortable home life of the pupil nurses. The course of instruction covers a period of three years. Besides the regular ward and class instruction, courses of lectures are given in Hygiene, Anatomy, Physiology, Medical and Surgical Nursing, Materia Medica, Toxicology, Urinalysis, use of Splints, Bandaging.



Gynæcology, Obstetrics, Diseases of Children, Diseases of Eye, Ear and Nervous System, Rest Cure, Electro-therapeutics, Massage, care of the Insane, Contagion, Nutrition and Cookery for the sick.

GRADUATING CLASS, 1896.

BERTHA BELL,

ANNA PALMER,

HATTIE FEATHERMAN,

ANNA B. TODD.

*All communications relating to the School for Nurses should be addressed to*

MARY E. P. DAVIS, Superintendent,  
University Hospital, Philadelphia, Pa.







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